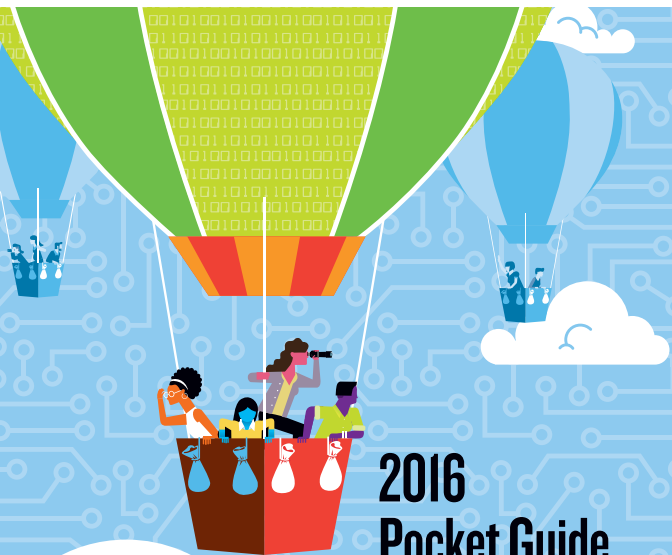




GRACE HOPPER

CELEBRATION OF WOMEN IN COMPUTING

PRESENTED IN PARTNERSHIP WITH THE ASSOCIATION FOR COMPUTING MACHINERY



2016 Pocket Guide

#GHC16

October 19-21, 2016

ghc.anitaborg.org

PROGRAM SCHEDULE
SPONSORED BY:

FCA

FIAT CHRYSLER AUTOMOBILES

Check out our Clusters, which physically group similar tracks to help navigate and explore topics.

CAREER

CAREER

COMMUNITY

CRA-W

FACULTY

EMERGING TECH/ BEST OF

BEST OF

IoT/ WEARABLE TECH

GENERAL SESSIONS

KEYNOTES

PLENARIES

SPECIAL SESSIONS

SPECIAL SESSIONS

OPEN SOURCE WORLD

OPEN SOURCE

ORGANIZATION TRANSFORMATION

ORGANIZATION
TRANSFORMATION

PRODUCTS A TO Z

PRODUCTS A TO Z

TECHNOLOGY

ARTIFICIAL
INTELLIGENCE

COMPUTER SYSTEMS
ENGINEERING

DATA SCIENCE

GAMING, GRAPHICS
& ANIMATION

HUMAN COMPUTER
INTERACTION

SECURITY/PRIVACY

SOFTWARE
ENGINEERING

WEDNESDAY, OCTOBER 19



LOCATION LEGEND:

GRB: GEORGE R. BROWN CONVENTION CENTER

HILTON: HILTON AMERICAS

SESSIONS DAY I: WEDNESDAY

9:00 a.m. - 11:30 a.m.

KEYNOTE

Women and the Future of Tech

📍 Toyota Center 🧑‍🎓 Ginni Rometty (IBM), Latanya Sweeney (Harvard University; Technology Science; Data Privacy Lab) and more

12:00 p.m. - 6:00 p.m.

EXPO

Career Fair

📍 GRB Halls B-D

12:00 p.m. - 7:00 p.m.

EXPO

Interviews

📍 GRB Hall A

SPECIAL SESSIONS

Student Node sponsored by D.E. Shaw & Co.

📍 GRB Balcony D

SESSIONS DAY I: WEDNESDAY

2:00 p.m. - 3:15 p.m.

PLENARIES ORGANIZATION TRANSFORMATION

Quiet: How to Harness the Strengths of Introverts to Transform How We Work, Lead and Innovate

📍 GRB General Assembly 🧑‍🎓 Susan Cain (Author, Chief Revolutionary and Co-Founder of Quiet Revolution)

PLENARIES TECHNOLOGY

Featured Speaker: Astro Teller (Captain of Moonshots for X)

📍 GRB Hall E

PLENARIES PRODUCTS A TO Z

Product Announcements

📍 GRB Hall A3

2:00 p.m. - 4:00 p.m.

SPECIAL SESSIONS

Want to be a Bias Interruptor?

📍 GRB 360 A 🧑‍🎓 Valerie Barr (Union College), Latanya Sweeney (Harvard University), Brad McLain (NCWIT), Tracy Camp (Colorado School of Mines), Lucy Sanders (NCWIT)

SESSIONS DAY I: WEDNESDAY

2:00 p.m. - 5:00 p.m.

SPECIAL SESSIONS WORKSHOP

Become a Person of Influence

📍 GRB Grand Ballroom A 🧑‍🎓 Jo Miller (Women's Leadership Coaching Inc.)

SPECIAL SESSIONS WORKSHOP

Communicating for Influence and Impact

📍 GRB Grand Ballroom B
🧑‍🎓 Denise Brosseau (Thought Leadership Lab)

SPECIAL SESSIONS WORKSHOP

Present! A Techie's Guide to Public Speaking

📍 GRB Grand Ballroom C 🧑‍🎓 Karen Catlin (Karen Catlin Consulting), Poornima Vijayashanker (Femgineer)

2:00 p.m. - 5:30 p.m.

POSTERS

ACM Student Research Competition and GHC General Poster Session

📍 GRB Hall C

SESSIONS DAY I: WEDNESDAY

3:45 p.m. - 5:00 p.m.

PLENARIES SPECIAL SESSIONS

Featured Speaker: Telle Whitney (CEO ABI) and ABIE Award Winners #ABIEWINNER

📍 GRB Hall E

PLENARIES PRODUCTS A TO Z

Product Announcements

📍 GRB Hall A3

PLENARIES ORGANIZATION TRANSFORMATION

Insights from Top Companies Leadership Index

📍 GRB General Assembly

4:00 p.m. - 5:00 p.m.

SPECIAL SESSIONS

BRAID Research - New Insights on Introductory Computer Science Course Students

📍 GRB 360 A 🧑‍🎓 Linda Sax (UCLA), Kate Lehman (UCLA)

SESSIONS DAY I: WEDNESDAY

6:00 p.m. - 7:00 p.m.

RECEPTIONS

Arab Women in Computing Reception #ABIMEETUP

📍 Hilton 340 A-B

Asian Women in Computing Reception #ABIMEETUP

📍 Hilton 343 A-B

Black Women in Computing Reception #ABIMEETUP

📍 Hilton Ballroom of the Americas B

Latinas in Computing Reception #ABIMEETUP

📍 Hilton Lanier Grand Ballroom A



6:00 p.m. - 7:00 p.m.

Join us for receptions
celebrating diversity



THURSDAY, OCTOBER 20



SESSIONS DAY 2: THURSDAY

7:00 a.m. - 7:00 p.m.

SPECIAL SESSIONS

Student Node sponsored by D.E. Shaw & Co.

📍 GRB Balcony D

8:00 a.m. - 6:30 p.m.

EXPO

Interviews

📍 GRB Hall A

9:00 a.m. - 9:20 a.m.

CAREER PRESENTATION

Rock Your Career: Core Skills for Increased Effectiveness

📍 GRB 361 A 🧑 Sarah Henrikson (Amazon)

★ Students/Early Career

DATA SCIENCE PRESENTATION

Accurate Physics-Based Models for Biomolecular Simulations

📍 GRB 310 B-C 🧑 Tasha Arvanitis (D. E. Shaw Research)

★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

9:00 a.m. - 9:20 a.m.

SECURITY/PRIVACY PRESENTATION

Beyond Passwords: Challenges and Opportunities in Strong Authentication for the Web

📍 GRB 332 A 🧑 Iulia Ion (Google)

★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

Neuromorphic Computing: Introduction, Motivation, and Research Challenges

📍 GRB 330 A 🧑 Catherine Schuman (Oak Ridge National Laboratory)

★ Beginner/Intermediate

IOT/WEARABLE TECH PRESENTATION

Blockchain and the Internet of Things

📍 GRB 370 A 🧑 Carole Corley (IBM), Valerie Lampkin (IBM), Sumabala Nair (IBM)

★ Beginner/Intermediate

9:00 a.m. - 10:00 a.m.

CAREER PANEL

Doing it Our Way - Reflections on the Journey to Senior Leadership

📍 GRB 352 D-F 🧑 Jen Fitzpatrick (Google), Aicha Evans (Intel Corporation), Ning Li (Facebook, Inc.), Joy Chik (Microsoft), Megan Kiester (Expedia)

★ All

SESSIONS DAY 2: THURSDAY

9:00 a.m. - 10:00 a.m.

CAREER WORKSHOP

Learn to Sell Your Big Idea through Storytelling

📍 GRB Grand Ballroom B 🧑 Caryl Kruse (Cisco Systems, Inc.), Connie Dudum (Cisco Systems, Inc.), Karen Franks (Cisco Systems, Inc.) ★ Mid/Senior/Executive

CAREER BIRDS OF A FEATHER

Shattering the Old Boys' Club: Redefining Mentorship for Young Women in Tech

📍 GRB 351 A 🧑 Anastasia Efremkina (University of Pennsylvania), Natasha Shah (Verizon), Nisha Dua (#BUILTBYGIRLS - BBG Ventures - AOL), Susan Kelly (Verizon) ★ Early/Mid-Career

COMMUNITY

Expanding Systems Communities Globally and Culturally

📍 GRB 371 A-C 🧑 Maral Khosroshahi (Illinois Institute of Technology - Chicago), Roshni Chandrashekar (Google), Alma Castillo-Antolin (Google), Anh Tu Quach (Lawrence Livermore National Laboratory) ★ All

SESSIONS DAY 2: THURSDAY

9:00 a.m. - 10:00 a.m.

CAREER

Transitioning Between Careers

📍 GRB 360 A 🧑 Jeanine Cook (Sandia National Labs), Cheryl Swanier (Clafin University), Quincy Brown (Bowie State University), Cecilia Aragon (University of Washington) ★ All

CRA-W WORKSHOP

Balancing the Demands in Academia (Teaching, Research, and Service)

📍 GRB 340 A 🧑 Amy Csizmar Dalal (Carleton College), Maria Gini (University of Minnesota) ★ All

COMPUTER SYSTEMS ENGINEERING PANEL

Cache Me If You Can

📍 GRB 310 A 🧑 Ashley Jin (Paxata), Alice Yeh (Eventbrite), Vartika Agarwal (Google), Renu Tewari (IBM Almaden) ★ Beginner/Intermediate

GAMING, GRAPHICS & ANIMATION

Invited Speaker: TBD

📍 GRB General Assembly B ★ All

SESSIONS DAY 2: THURSDAY

9:00 a.m. - 10:00 a.m.

HUMAN COMPUTER INTERACTION WORKSHOP

Creating Natural User Interactions for Emerging Technology

📍 GRB Grand Ballroom C 👤 Charlene Jeune (Microsoft), Gwynneth Leece (Microsoft), Shana Bryant (Microsoft) ★ Beginner/Intermediate

PRODUCTS A TO Z BIRDS OF A FEATHER

Building Product Mindset Through Ideation

📍 Hilton Lanier Grand Ballroom A-B 👤 Thogori Karago (LinkedIn), Charu Jangid (LinkedIn), Alexa Roman (Carbon Five), Priya Sheth (Fitbit), Teresa Aguilera (Spindle Desco) ★ Beginner/Intermediate

SPECIAL SESSIONS

Featured ACM Speaker: Jakita Thomas

📍 GRB General Assembly C 👤 Jakita Thomas (Auburn University) ★ All

9:00 a.m. - 11:00 a.m.

SPECIAL SESSIONS

Tech Node sponsored by Cisco Systems, Inc.

📍 GRB 372 A

Tech Node sponsored by Verizon

📍 GRB 362 A

SESSIONS DAY 2: THURSDAY

9:00 a.m. - 5:00 p.m.

ORGANIZATION TRANSFORMATION

Technical Executive Forum (Invite Only)

📍 Hilton Ballroom of the Americas E-F ★ Mid/Senior/Executive

9:20 a.m. - 9:40 a.m.

CAREER PRESENTATION

Powerful Body Language: Small Mannerisms with Big Impact

📍 GRB 361 A 👤 Lauren Janas (Microsoft) ★ Students/Early Career

ARTIFICIAL INTELLIGENCE PRESENTATION

From ELIZA to SIRI and Beyond - Evolution of Intelligent Virtual Assistants

📍 GRB 330 A 👤 Andrea Sahli (noHold Inc.) ★ Beginner/Intermediate

DATA SCIENCE PRESENTATION

Multilevel Stress Classification from ECG Signals

📍 GRB 310 B-C 👤 Isabelle Bichindaritz (State University of New York at Oswego) ★ Advanced

SESSIONS DAY 2: THURSDAY

9:20 a.m. - 9:40 a.m.

SECURITY/PRIVACY PRESENTATION

A Modern Approach to Microservice Authentication

📍 GRB 332 A 🧑 Jasmine Schladen (Workday)

★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

Web Applications Hackathons: A Survey of Frameworks and Tools

📍 GRB General Assembly A 🧑 Sarah Chmielewski (MIT Lincoln Laboratory) ★ Beginner/Intermediate

IoT/WEARABLE TECH PRESENTATION

Threat Modeling the “Smart” Watch - Seven Things Every Smart Watch User Should Know

📍 GRB 370 A 🧑 Michele Guel (Cisco Systems, Inc.)

★ Beginner/Intermediate

9:30 a.m. - 11:00 a.m.

SPECIAL SESSIONS

Fall Partner Meeting (Invite Only)

📍 Hilton Ballroom of the Americas A

SESSIONS DAY 2: THURSDAY

9:40 a.m. - 10:00 a.m.

ARTIFICIAL INTELLIGENCE PRESENTATION

Deep Learning for Text Recognition

📍 GRB 330 A 🧑 Manjari Akella (IBM) ★ Beginner/Intermediate

CAREER PRESENTATION

Talking while Female: Lessons Learned from Two Years of Technical Podcasting

📍 GRB 361 A 🧑 Katie Malone (Civis Analytics)

★ Students/Early Career

DATA SCIENCE PRESENTATION

Computer Simulations for Drug Discovery

📍 GRB 310 B-C 🧑 Heidi Koldsø (D. E. Shaw Research) ★ Beginner/Intermediate

IoT/WEARABLE TECH PRESENTATION

From Individual to Collective: Redefining User Privacy in the Internet of Things

📍 GRB 370 A 🧑 Haiyan Jia (The Pennsylvania State University) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

9:40 a.m. - 10:00 a.m.

SECURITY/PRIVACY PRESENTATION

Insecure Thoughts: Biometric EEG for the Real World

📍 GRB 332 A 🧑 Amanda Danko (USAA)
★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

'Pre-chopped-onions' Approach to Building Progressive Web Apps

📍 GRB General Assembly A 🧑 Margaret Mary Kearney (Google) ★ Beginner/Intermediate

10:00 a.m. - 5:30 p.m.

EXPO

Career Fair

📍 GRB Halls B-D



10:00 a.m. - 5:30 p.m.

Don't forget to stop by the
ABI booth, 1420 for your
GHC shirt!

SESSIONS DAY 2: THURSDAY

10:30 a.m. - 10:50 a.m.

CAREER PRESENTATION

Growing with the Company: Working at a Startup

📍 GRB 351 A 🧑 Mary Holstege (MarkLogic)
★ Early/Mid-Career

ARTIFICIAL INTELLIGENCE PRESENTATION

Personalized Content Blending in the Pinterest Homefeed

📍 GRB 330 A 🧑 Stephanie deWet (Pinterest)
★ Beginner/Intermediate

GAMING, GRAPHICS & ANIMATION PRESENTATION

Analytics Engineering for Game Development

📍 GRB 310 B-C 🧑 Jess Loeb (GSN Games)
★ Beginner/Intermediate

SECURITY/PRIVACY PRESENTATION

Responsible and Privacy-Preserving Cybersecurity Information Sharing Using Public Health as a Model

📍 GRB 332 A 🧑 Elaine Sedenberg (University of California, Berkeley) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

10:30 a.m. - 11:30 a.m.

BEST OF PANEL #ABIEWINNER

Social Impact ABIE Award Winner: Kathryn Finney

📍 GRB Grand Ballroom A 👤 Kathryn Finney (Digital Undivided) ★ All

CAREER PANEL

'A Day in the Life Of': Exploring Different Career Paths in Technology

📍 GRB 361 A 👤 Gaby Moreno Cesar (IBM), Trisha Kothari (Affirm), Melissa Dalis (Uber), Maddie Horowitz (Addepar), Charu Jangid (LinkedIn)
★ Students/Early Career

CAREER BIRDS OF A FEATHER

Crucial Conversations in Your Career: Increasing Your Impact

📍 GRB 352 D-F 👤 Jen Wang (Yelp), Susanne Lehmann (Yelp), Wei Wu (Yelp) ★ All



SESSIONS DAY 2: THURSDAY

10:30 a.m. - 11:30 a.m.

CAREER PANEL

From Impostor to Hero: How Being a Mentor Can Grow Your Career

📍 GRB Grand Ballroom B 👤 Peggy Lee (Made by Girls - Digital Media Academy), Sargun Kaur (Google), Carmen Badea (Intel Corporation), Dioselin Gonzalez (Unity Technologies' Lab), Iris Cheung (Apple, Inc.)
★ Mid/Senior/Executive

CAREER

Technology for Inclusion

📍 GRB 360 A 👤 Stephanie Ludi (Rochester Institute of Technology), Rosalee Wolfe (DePaul University), Adriana B. Compagnoni (Stevens Institute of Technology) ★ All

COMMUNITY

Career Transformation for the Everywoman: Getting in, and Staying in, Technology

📍 GRB 371 A-C 👤 Paula Paul (AmWINS Group Inc.), Rosario Robinson (Anita Borg Institute), Simone Battiste-Alleyne (Tax Management Associates Inc.), Joey Capolongo (Lending Tree, LLC), Hannah Lehman (General Assembly) ★ All

SESSIONS DAY 2: THURSDAY

10:30 a.m. - 11:30 a.m.

CRA-W WORKSHOP

Effective Teaching Tactics

📍 GRB 340 A 🧑 Valerie Barr (Union College), Susan Rodger (Duke University) ★ All

COMPUTER SYSTEMS ENGINEERING WORKSHOP

Hands-On Introduction to GPU Architecture: Programming a Parallel Algorithm

📍 GRB 320 A 🧑 Michal Wieja (eBay), Jin Chung (eBay) ★ Beginner/Intermediate

DATA SCIENCE PANEL

Doing Good with Data: Human-Centered Data Science For Social Good

📍 GRB General Assembly A 🧑 Jessica Dickinson Goodman (notabletechnicalwomen.org), Christine T. Wolf (UC Irvine and IBM Research), Emily Kennedy (Marinus Analytics), Sara Crowe (Polaris), Erin Akred (DataKind) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

10:30 a.m. - 11:30 a.m.

HUMAN COMPUTER INTERACTION WORKSHOP

Ask questions, lots of questions: A workshop for practicing building beautiful presentations in Google Slides and giving design critique

📍 GRB Grand Ballroom C 🧑 Alexa Herasimchuk (Yelp), Frances Haugen (Yelp) ★ Beginner/Intermediate

IoT/WEARABLE TECH PANEL

The Digital Future: Defusing the Hype of IoT and Wearables

📍 GRB 370 A 🧑 Esther Lekeu (Meta), Melissa Kreuzer (Procter & Gamble), Sunny Webb (Accenture), Siji Tom (Apple, Inc.), Kiva Allgood (Qualcomm) ★ Beginner/Intermediate

ORGANIZATION TRANSFORMATION PANEL

Enrollment Booms and Gender Diversity: How do we Keep History from Repeating Itself?

📍 Hilton Lanier Grand Ballroom C 🧑 Jennifer Sabourin (SAS Institute), Eric Roberts (Stanford University), Jane Stout (Computing Research Association), Tiffany Barnes (North Carolina State University) ★ All

SESSIONS DAY 2: THURSDAY

10:30 a.m. - 11:30 a.m.

PRODUCTS A TO Z PANEL

Building a Better Classroom: Lessons from Ed-Tech

- 📍 Hilton Lanier Grand Ballroom A-B
- 👤 Stephanie Killian (Knewton), Sha-Mayn Teh (Teachers Pay Teachers), Prachie Banthia (Google), Jennifer Liu (Quizlet), Lauren Janas (Microsoft)
- ★ Beginner/Intermediate

SOFTWARE ENGINEERING PANEL

Mobile at Scale: Building a Lasting Architecture

- 📍 GRB 310 A 👤 Kristina Thai (Intuit), Jenny Yuen (Facebook, Inc.), Kasia Hayden (Facebook, Inc.), Wendy Lu (Pinterest), Ayaka Nonaka (Venmo) ★
- Beginner/Intermediate

SPECIAL SESSIONS PANEL

Featured Panel: Owning Our Voices: Celebrating Black Women in Computing

- 📍 GRB General Assembly B 👤 Gloria Washington (Howard University), Jamika Burge (Design & Technology Concepts, LLC), Quincy Brown (Bowie State University), Mave Houston (Capital One), Sandra Johnson (SKJ Visioneering, LLC) ★ All

SESSIONS DAY 2: THURSDAY

10:30 a.m. - 2:30 p.m.

SPECIAL SESSIONS

Senior Women's Program (Invite Only)

- 📍 Hilton Ballroom of Americas C 👤 Ana Pinczuk (Veritas), Jo Miller (Be Leaderly), Michele Guel (Cisco Systems, Inc.), Sylvia Ann Hewlett (Center for Talent Innovation), Ritika Gunnar (IBM)

10:50 a.m. - 11:10 a.m.

CAREER PRESENTATION

Project Phoenix – The Road to Resilience in Failure

- 📍 GRB 351 A 👤 Nithya Sivakumar (Facebook, Inc.)
- ★ Early/Mid-Career

ARTIFICIAL INTELLIGENCE PRESENTATION

Anomaly Detection in Map-Reduce

- 📍 GRB 330 A 👤 Selvi Kadirvel (ContainerX Inc.)
- ★ Beginner/Intermediate

GAMING, GRAPHICS & ANIMATION PRESENTATION

Loyalty, Games & Data

- 📍 GRB 310 B-C 👤 Margaret Mitchell (American Express) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

10:50 a.m. - 11:10 a.m.

SECURITY/PRIVACY PRESENTATION

Encourage Adoption by Getting at the Root of Privacy Concerns

📍 GRB 332 A 🧑 Xinru Page (Bentley University)

★ Beginner/Intermediate

11:10 a.m. - 11:30 a.m.

CAREER PRESENTATION

Hack It Till You Make It

📍 GRB 351 A 🧑 Christina Kayastha (Vistaprint)

★ Early/Mid-Career

ARTIFICIAL INTELLIGENCE PRESENTATION

Recommendation of Items with Short Life Span

📍 GRB 330 A 🧑 Haiyun Lu (SAP) ★ Advanced

GAMING, GRAPHICS & ANIMATION PRESENTATION

Nine Things Every Game Developer Can Do to Be More Inclusive

📍 GRB 310 B-C 🧑 Adina Shanholtz (Microsoft)

★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

11:10 a.m. - 11:30 a.m.

SECURITY/PRIVACY PRESENTATION

Security Logs Aren't Enough: Event Logging for User Privacy

📍 GRB 332 A 🧑 Alisha Kloc (Google)

★ Beginner/Intermediate

11:30 a.m. - 1:00 p.m.

Lunch is available for purchase at the convention center. Most of the lunches listed here are available on a first come, first served basis and you are welcome to join.

LUNCHES & RECEPTIONS

Lunch Break

★ All

LGBTQ-A Lunch

📍 GRB 342 D ★ All

Women of Color Lunch

📍 Hilton Lanier Grand Ballroom G-H ★ All

SESSIONS DAY 2: THURSDAY

1:00 p.m. - 1:20 p.m.

CAREER PRESENTATION

From Employee to Global Citizen: How Social Sabbaticals Can Lead to Personal and Professional Growth

📍 GRB 351 A 🧑 Regine Schimmer (SAP SE)

★ Mid/Senior/Executive

COMPUTER SYSTEMS ENGINEERING PRESENTATION

Engineering for the Stratosphere

📍 GRB 330 A 🧑 Sameera Ponda (Google)

★ Beginner/Intermediate

IoT/WEARABLE TECH PRESENTATION

Wrangling Data in the Internet of Things, from 10 Devices to 10 Million Devices

📍 GRB 370 A 🧑 Nicole Berdy (Microsoft)

★ Advanced

ORGANIZATION TRANSFORMATION PRESENTATION

Trans Issues in Tech

📍 Hilton Lanier Grand Ballroom C 🧑 Hazel Havard (Workday) ★ All

SESSIONS DAY 2: THURSDAY

1:00 p.m. - 1:30 p.m.

DATA SCIENCE PRESENTATION

Quality and Efficiency in Kernel Density Estimates for Large Data

📍 GRB 310 A 🧑 Yan Zheng (University of Utah)

★ Advanced

1:00 p.m. - 2:00 p.m.

ARTIFICIAL INTELLIGENCE PANEL

Search and Discovery: Beyond Ten Blue Links

📍 GRB General Assembly A 🧑 Cathy Polinsky (Salesforce), Shakhina Pulatova (LinkedIn), Lisa Qian (Airbnb), Frances Haugen (Yelp), Stephanie Rogers (Pinterest) ★ Advanced

BEST OF #ABIEWINNER

Technical Leadership ABIE Award Winner: Dr. Anna Patterson

📍 GRB 371 D-F 🧑 Anna Patterson (Google) ★ All



SESSIONS DAY 2: THURSDAY

1:00 p.m. - 2:00 p.m.

CAREER PANEL

Securing your digital footprint

📍 GRB 352 D-F 🧑 David Kennedy (TrustedSec), Michele Fincher (Social Engineering LLC), June Middleton (O'Reilly Automotive, Inc.), Rhonda Kelly (Walmart Technologies), Kathryn Seymour (Bank of America) ★ All

CAREER PANEL

Series or Parallel? A Discussion with Millennials Weaving HairTech, Smart Bras, Gaming and Rights Apps in between Industry, Academia, and Startups

📍 GRB 361 A 🧑 Rosario Robinson (Anita Borg Institute), Alicia Chong Rodriguez (Bloomer Tech), Candace Mitchell (Techturized, Inc.), Joy Buolamwini (Code4Rights), Jasmine Lawrence (EDEN BODY WORKS) ★ Students/Early Career

CAREER WORKSHOP

Turning your Snakes into Ladders - A Career Exploration Journey

📍 GRB Grand Ballroom B 🧑 Uma Rani T M (SAP) Krithika G (SAP), Shylaja Sabbani (SAP) ★ Early/Mid-Career

SESSIONS DAY 2: THURSDAY

1:00 p.m. - 2:00 p.m.

COMMUNITY

Systems and Peace Corps: A Partnership Focused On Social Impact and Open Source

📍 GRB 371 A-C 🧑 Finda Ogburu (Uplift Education), Maybellin Burgos (Anita Borg Institute), Sandi Giver (Peace Corps), Patrick Choquette (Peace Corps) ★ All

CRA-W WORKSHOP

Research/Funding Strategies for Faculty

📍 GRB 340 A 🧑 Lucy Nowell (Department of Energy), Andrea Danyluk (Williams College) ★ All

PRODUCTS A TO Z WORKSHOP

Creating a Continuous Integration/Deployment System

📍 GRB Grand Ballroom A 🧑 Melissa Kam (Rackspace), Sabeen Syed (Rackspace) ★ Beginner/Intermediate

SECURITY/PRIVACY

Invited Speaker: Jennifer Stisa Granick

📍 GRB General Assembly B 🧑 Jennifer Stisa Granick (Stanford Center for Internet and Society) ★ All

SESSIONS DAY 2: THURSDAY

1:00 p.m. - 2:00 p.m.

GAMING, GRAPHICS & ANIMATION PANEL

Building the Metaverse: Getting started in Virtual Reality (VR)

📍 GRB 332 A 👤 Erin Summers (Oculus), Regina Luki (67 Games), Timoni West (Unity 3D), Siciliana Trevino (Quirkeley) ★ Beginner/Intermediate

HUMAN COMPUTER INTERACTION

BIRDS OF A FEATHER

Understanding Online Harassment: Definitions, Ethics, and Prevention

📍 GRB 310 B-C 👤 Lindsay Blackwell (University of Michigan), Adria Richards (Udacity), Zahra Ashktorab (University of Maryland, College Park), Katherine Lo (University of California, Irvine) ★ Beginner/Intermediate

SOFTWARE ENGINEERING WORKSHOP

Extending iOS and macOS with App Extensions

📍 GRB Grand Ballroom C 👤 Jessie Berlin (Apple, Inc.), Enrica Casucci (Apple, Inc.), Adele Peterson (Apple, Inc.) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

1:00 p.m. - 3:00 p.m.

SPECIAL SESSIONS

Tech Node sponsored by Intuit

📍 GRB 362 A

SPECIAL SESSIONS

Tech Node sponsored by Thomson Reuters

📍 GRB 372 A

1:20 p.m. - 1:40 p.m.

CAREER PRESENTATION

How to build a thriving Women's Community

📍 GRB 351 A 👤 Li Chen (Microsoft)
★ Mid/Senior/Executive

COMPUTER SYSTEMS ENGINEERING PRESENTATION

Making a Microchip & Electronic Design Automation : Where hardware meets software

📍 GRB 330 A 👤 Raewadee Parnmukh (Synopsys, Inc.) ★ Beginner/Intermediate

IoT/WEARABLE TECH PRESENTATION

IoT and the Cloud: Managing Scale, Security, and Data

📍 GRB 370 A 👤 Asha Chakrabarty (Amazon)
★ Advanced

SESSIONS DAY 2: THURSDAY

1:20 p.m. - 1:40 p.m.

ORGANIZATION TRANSFORMATION

PRESENTATION

Why We Updated Our Brand And Refocused On Diversity in Events

📍 Hilton Lanier Grand Ballroom C 🧑‍🎓 Jennifer Betka (StubHub) ★ All

1:30 p.m. - 2:00 p.m.

DATA SCIENCE PRESENTATION

Large-Scale Automated Keyword Sourcing for Text Ads in Paid Search

📍 GRB 310 A 🧑‍🎓 Xutong Liu (eBay) ★ Advanced

1:40 p.m. - 2:00 p.m.

CAREER PRESENTATION

Using Your Powers for Good: Successful Sector Switching from Private to Nonprofit

📍 GRB 351 A 🧑‍🎓 Lynne Thieme (Idealist) ★ Mid/Senior/Executive

SESSIONS DAY 2: THURSDAY

1:40 p.m. - 2:00 p.m.

COMPUTER SYSTEMS ENGINEERING PRESENTATION

Hardware/Software Co-design: a Low-cost Prediction-based Air Venting Suggestion System

📍 GRB 330 A 🧑‍🎓 Yanna Wu (Google) ★ Beginner/Intermediate

IoT/WEARABLE TECH PRESENTATION

Making business sense of the world's largest IoT data source: the Weather

📍 GRB 370 A 🧑‍🎓 Ana Biazetti (IBM) ★ Advanced

ORGANIZATION TRANSFORMATION PRESENTATION

Leading Change to Increase Women's Inclusion in Science and Technology

📍 Hilton Lanier Grand Ballroom C 🧑‍🎓 Amany Alshawi (King Abdulaziz City for Science and Technology (KACST)) ★ Mid/Senior/Executive

2:30 p.m. - 2:50 p.m.

CAREER PRESENTATION

Develop Your Core Four: How to Survive and Thrive in a Design Career

📍 GRB 352 D-F 🧑‍🎓 Ruth Kikin-Gil (Microsoft) ★ All

SESSIONS DAY 2: THURSDAY

2:30 p.m. - 2:50 p.m.

DATA SCIENCE PRESENTATION

How the World Bank Uses Social Network Analysis to Support Entrepreneurship in Developing Countries

📍 GRB 310 B-C 👤 Kathy Qian (World Bank)
★ Beginner/Intermediate

HUMAN COMPUTER INTERACTION PRESENTATION

Worth A Thousand Words: Home Tour Photography as an IT Design Research Method

📍 GRB 330 A 👤 Andrea Barbarin (University of Michigan, Ann Arbor - School of Information)
★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATION

Introduction to 'Infrastructure as Code'

📍 Hilton Lanier Grand Ballroom A-B 👤 Tamara Bartlett (ThoughtWorks) ★ Beginner/Intermediate

SECURITY/PRIVACY PRESENTATION

Security is our game

📍 GRB 332 A 👤 Luz Jaramillo (Electronic Arts)
★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

2:30 p.m. - 2:50 p.m.

SOFTWARE ENGINEERING PRESENTATION

Using Apache Myriad in Accenture Labs: Marriage of Docker and Hadoop

📍 GRB 320 A 👤 Sonali Parthasarathy (Accenture Technology Labs) ★ Advanced

2:30 p.m. - 3:00 p.m.

BEST OF PRESENTATION

GHC1 Paypal: Wearable Banking: When technology really makes life easier

📍 GRB 370 A 👤 Carmen Ramirez (Paypal) ★ All

COMPUTER SYSTEMS ENGINEERING PRESENTATION

Principles and Tactics for understanding anomalous behavior of complex real-time processing systems

📍 GRB 310 A 👤 Martha Lee (Raytheon)
★ Advanced

SESSIONS DAY 2: THURSDAY

2:30 p.m. - 3:30 p.m.

BEST OF POSTERS

ACM Student Research Competition Undergraduate Finals

📍 GRB 371 D-F ★ All

CAREER PANEL

Women Do Ask: Negotiation Skills for Early and Mid-Career Professionals

📍 GRB Grand Ballroom B 👤 Vanessa Hernandez (Aon Hewitt), An Bui (RiskIQ), Alex Riccomini (Reddit), Ariel Aguilar (Microsoft), Indu Khosla (GoDaddy) ★ Early/Mid-Career

CAREER BIRDS OF A FEATHER

Pursuing a technical career without a Computer Science degree

📍 GRB 361 A 👤 Alison Song (Google), Manizeh Khan (Amazon), Victoria Wobber (Google), Gabriela Alcala Murga (Facebook, Inc.) ★ Students/Early Career

SESSIONS DAY 2: THURSDAY

2:30 p.m. - 3:30 p.m.

CAREER PANEL

Should I Stay or Should I Go? Navigating career ups and downs, and knowing when it's time for a change

📍 GRB 351 A 👤 Liz Pearce (LiquidPlanner), Alexandra Tibbetts (Google), Gail Giacobbe (GoDaddy), Rebecca Norlander (Health123), Sumit Chauhan (Microsoft) ★ Mid/Senior/Executive

COMMUNITY PANEL

How Women Learn Computing Through Nontraditional Curriculum and Community

📍 GRB 371 A-C 👤 Andrea Delgado-Olson (Anita Borg Institute), Maxwell Bigman (Immaculate Heart), Jessica Lin (Udacity), Shanna Gregory (Grace Hopper Academy) ★ All

CRA-W WORKSHOP

Preparing for Tenure and Promotion

📍 GRB 340 A 👤 Jodi Tims (Baldwin Wallace University), Julia Hirschberg (Columbia University) ★ All

ARTIFICIAL INTELLIGENCE WORKSHOP

Demystifying Deep Learning

📍 GRB Grand Ballroom C 👤 Priyanka Agrawal (IBM Research Labs), Uma Sawant (LinkedIn) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

2:30 p.m. - 3:30 p.m.

GAMING, GRAPHICS & ANIMATION

BIRDS OF A FEATHER

The Video Game Industry Needs YOU!

📍 GRB General Assembly A 🧑‍🎓 Kiki Wolfkill (Microsoft), Bonnie Ross (Microsoft), Helen Chiang (Microsoft), Shannon Loftis (Microsoft) ★ Beginner/Intermediate

IoT/WEARABLE TECH

Invited Speaker: Vida Ilderem

📍 GRB General Assembly B 🧑‍🎓 Vida Ilderem (New Technology Group, Intel) ★ All

ORGANIZATION TRANSFORMATION WORKSHOP

Retaining High Tech Women Once They're in the Door

📍 GRB Grand Ballroom A 🧑‍🎓 Karen Holtzblatt (InContext Design), Carol Farnsworth (SAP Labs) ★ All

2:50 p.m. - 3:10 p.m.

CAREER PRESENTATION

DevOps and the future of QA – what you need to know and how you can prepare

📍 GRB 352 D-F 🧑‍🎓 Anne Hungate (Fidelity Investments) ★ All

SESSIONS DAY 2: THURSDAY

2:50 p.m. - 3:10 p.m.

DATA SCIENCE PRESENTATION

Gender Equality Index: The Power of Data to Drive Change

📍 GRB 310 B-C 🧑‍🎓 Yunfei Xu (Bloomberg LP) ★ Beginner/Intermediate

HUMAN COMPUTER INTERACTION PRESENTATION

What can Drones and Aerial Imagery do for Citizen Science?

📍 GRB 330 A 🧑‍🎓 Kristine Yoshihara (Pandora) ★ Beginner/Intermediate

SECURITY/PRIVACY PRESENTATION

A Taste of iOS App Reversing

📍 GRB 332 A 🧑‍🎓 Jing Xie (FireEye) ★ Advanced

SOFTWARE ENGINEERING PRESENTATION

Building Software-Defined Distributed Systems with Ovid

📍 GRB 320 A 🧑‍🎓 Deniz Altinbuken (Cornell University) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

2:50 p.m. - 3:10 p.m.

PRODUCTS A TO Z PRESENTATION

7 Hidden Gems: Building Successful Machine-Learning Products

📍 Hilton Lanier Grand Ballroom A-B 🧑 Divya Jain (Box) ★ Beginner/Intermediate

3:00 p.m. - 3:30 p.m.

BEST OF PRESENTATION

Energy Efficient Data Collection and Analysis in Wireless Sensor Networks

📍 GRB 370 A 🧑 Torsha Banerjee Das (Cisco Systems, Inc.) ★ Advanced

COMPUTER SYSTEMS ENGINEERING PRESENTATION

Proactive Identification and Remediation of HPC Network Subsystem Failures

📍 GRB 310 A 🧑 Susan Coulter (Los Alamos National Laboratory - High Performance Computing) ★ Advanced

SESSIONS DAY 2: THURSDAY

3:10 p.m. - 3:30 p.m.

CAREER PRESENTATION

Pathways of Learning that Opens Career Pathways in Cybersecurity

📍 GRB 352 D-F 🧑 Lifang Shih (Excelsior College) ★ All

DATA SCIENCE PRESENTATION

Data Science: How To Bring Data Upstream

📍 GRB 310 B-C 🧑 Erin DeCesare (Cimpress) ★ Beginner/Intermediate

HUMAN COMPUTER INTERACTION PRESENTATION

Return on Investment?: Navigating Social Media Use in the Communication Channel Ecology

📍 GRB 330 A 🧑 Penny Trieu (University of Michigan, Ann Arbor - School of Information) ★ Beginner/Intermediate

SECURITY/PRIVACY PRESENTATION

Are We Out of the Woods?: The Current State of Web Malware

📍 GRB 332 A 🧑 Kelly Harrington (Google) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

3:10 p.m. - 3:30 p.m.

SOFTWARE ENGINEERING PRESENTATION

Building Resilient Distributed Systems by Using Caching Command and Rollback-Replay

📍 GRB 320 A 👤 Tanuja Phadke (Intuit)
★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATION

Experiment to Decide: How to Navigate Major Product Shifts

📍 Hilton Lanier Grand Ballroom A-B 👤 Sharmeen Browarek (Twitch) ★ Beginner/Intermediate

4:00 p.m. - 4:20 p.m.

IoT/WEARABLE TECH PRESENTATION

Moving the Needle on Connected Cars

📍 GRB 370 A 👤 Abha Khosla (Qualcomm)
★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

I'd Like to Order Some Bytes for Continuous Delivery, Please.

📍 GRB 332 A 👤 Joyce Wang (LinkedIn)
★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

4:00 p.m. - 5:00 p.m.

BEST OF

ACM Student Research Competition Graduate Finals

📍 GRB 371 D-F ★ All

COMPUTER SYSTEMS ENGINEERING

BIRDS OF A FEATHER

Building a Self-Driving Car: From Diverse Perspectives

📍 GRB General Assembly A 👤 Kimberly Toth (Google), Wan-Yen Lo (Google), Min Li Chan (Google), Jaime Waydo (Google) ★ Beginner/Intermediate

CRA-W WORKSHOP

Gaining Recognition for Your Accomplishments in Academia

📍 GRB 340 A 👤 Nancy Amato (Texas A&M University), Ellen Walker (Hiram College) ★ All

GAMING, GRAPHICS & ANIMATION PANEL

Star Wars, Inside Out, Zootopia: You Need Code For That?

📍 GRB 351 A 👤 Rachel Rose (Industrial Light & Magic), Danielle Feinberg (Pixar Animation Studios), Beth Hofer (DreamWorks Animation), Maryann Simmons (Walt Disney Animation Studios) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

4:00 p.m. - 5:00 p.m.

ORGANIZATION TRANSFORMATION PANEL

Leap Forward: What Radical New Research Tells Us About the Gender Gap in Tech

📍 GRB Hall E 🧑‍🎓 Rebecca Minkoff (Rebecca Minkoff), Julie Sweet (Accenture), Candice Morgan (Pinterest), Reshma Saujani (Girls Who Code) ★ All

SECURITY/PRIVACY WORKSHOP

Hacking Like a Champ: Introduction to Capture the Flag Competitions

📍 GRB Grand Ballroom B 🧑‍🎓 Lizzy Alonzi (The Johns Hopkins University Applied Physics Laboratory), Kaitlin Farr (The Johns Hopkins University Applied Physics Laboratory) ★ Beginner/Intermediate

4:20 p.m. - 4:40 p.m.

IoT/WEARABLE TECH PRESENTATION

Internet of Things on the Cloud: Too many buzzwords or future in the making?

📍 GRB 370 A 🧑‍🎓 Kyriaki Levanti (Amazon Web Services) ★ Beginner/Intermediate

SESSIONS DAY 2: THURSDAY

4:20 p.m. - 4:40 p.m.

SOFTWARE ENGINEERING PRESENTATION

Infrastructure As Code: Why automation requires a new way of thinking

📍 GRB 332 A 🧑‍🎓 Sandra Suarez (Electronic Arts) ★ Advanced

4:40 p.m. - 5:00 p.m.

IoT/WEARABLE TECH PRESENTATION

The Internet of Dynamic Things

📍 GRB 370 A 🧑‍🎓 Monique Morrow (Cisco Systems, Inc.) ★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

Debugging Parallel Applications: Using GDB with MPI

📍 GRB 332 A 🧑‍🎓 Clarissa Garvey (Emory University) ★ Beginner/Intermediate

6:00 p.m. - 7:00 p.m.

RECEPTIONS

Scholar Networking Reception (Invite Only)

📍 Hilton Lanier Grand Ballroom G-H

FRIDAY, OCTOBER 21

HIGHLIGHT

3:00 p.m. – 4:30 p.m.

Don't miss our
closing keynote
Where Women Belong
featuring Marc Benioff
and Megan Smith



SESSIONS DAY 3: FRIDAY

7:00 a.m. - 6:00 p.m.

SPECIAL SESSIONS

Student Node sponsored by D.E. Shaw & Co.

📍 GRB Balcony D ★ Students/Early Career

8:00 a.m. - 2:00 p.m.

EXPO

Interviews

📍 GRB Hall A

SPECIAL SESSIONS

 PANEL

Open Source Day Code-a-thon for Humanity

📍 GRB Grand Ballroom A

9:00 a.m. - 9:20 a.m.

ARTIFICIAL INTELLIGENCE

 PRESENTATION

3D Geometric Reconstruction from 2D Sensor Image Data with GPGPU

📍 GRB 330 A 🧑 Corrinne Yu (Amazon Prime Air)

★ Beginner/Intermediate

PRODUCTS A TO Z

 PRESENTATION

Oneness: An Effective Continuous Integration Approach For Enterprise Cross-Functional Applications

📍 Hilton Lanier Grand Ballroom A-B 🧑 Bing Hu (Intel Corporation)

★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

9:00 a.m. - 9:30 a.m.

CAREER PRESENTATION

Giving in Networking and Negotiation: how to add value to others for fun and profit

📍 GRB General Assembly C 👤 Shiri Dori-Hacohen (University of Massachusetts, Amherst) ★ Early/Mid-Career

9:00 a.m. - 10:00 a.m.

SPECIAL SESSIONS

ABI.Local Brings ABI Programming To Your Local City

📍 Hilton 340 👤 Gabby Szasz (BNY Mellon), Ripsy Bandourian (Booking.com), Larissa Suzuki (Mayor of London "City Data Strategy"), Haila Asanaenyi (Anita Borg Institute), Laurie Greer (Anita Borg Institute) ★ All

SPECIAL SESSIONS

Speed Mentoring

📍 GRB Grand Ballroom B

SPECIAL SESSIONS WORKSHOP

Leading Effective Lean In Circles for CS and Engineering Professionals

📍 GRB Grand Ballroom C 👤 Emily Koh (LeanIn.Org), Melissa Koch (Anita Borg Institute) ★ All

SESSIONS DAY 3: FRIDAY

9:00 a.m. - 10:00 a.m.

BEST OF PANEL

You and Your Data: Privacy Challenges in the Internet of Things

📍 GRB 371 D-F 👤 Navid Rezvani (CA Technologies), Eve Schooler (Intel Corporation), Michelle Dennedy (Cisco Systems, Inc.), Sarah Squire (Engage Identity) ★ Beginner/Intermediate

ORGANIZATION TRANSFORMATION PANEL

Finding the Bright Spots: Insights on Recruiting, Retaining & Advancing Women of Color in Tech

📍 Hilton Ballroom of Americas C 👤 Catarina Fernandes (Imperial College London), Valerie Taylor (Texas A&M University), Ann Q. Gates (University of Texas at El Paso), Seema Gururaj (Square Circle), Arquay Harris (Slack) ★ All

CAREER WORKSHOP

Getting to "Hell Yes": Negotiating While Female

📍 GRB 360 A 👤 Becca Dewey (Spire Global Inc.), Katherine Monson (Spire Global Inc.) ★ Mid/Senior/Exec

CRA-W WORKSHOP

Building Your Academic Professional Network

📍 GRB 361 A 👤 Soha Hassoun (Tufts University), Sunita Chandrasekaran (University of Delaware) ★ All

SESSIONS DAY 3: FRIDAY

9:00 a.m. - 10:00 a.m.

COMMUNITY

#WomenInTech Innovations: Programming, Technology and Community

📍 GRB 370 A 🧑 Janice Levenhagen (ChickTech), Iffat Gill (Code for Change), Natália Oberti Nogueira (Pipeline Angels), Natalie Villalobos (Women Techmakers) ★ All

FACULTY

BIRDS OF A FEATHER

Surviving 50 Shades of Academic Motherhood

📍 GRB 371 A-C 🧑 Marie des Jardins (University of Maryland, Baltimore County), Katie Siek (Indiana University, Bloomington), Quincy Brown (Bowie State University), Farzana Rahman (James Madison University), Susan H. Rodger (Duke University) ★ All

DATA SCIENCE

WORKSHOP

Using ParaView for Scientific Visualization

📍 GRB 352 D-F 🧑 Divya Banesh (UC Davis), Roxana Bujack (Technical University of Kaiserslautern, Germany), Anne Berres (Los Alamos National Laboratory, CCS-7) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

9:00 a.m. - 10:00 a.m.

HUMAN COMPUTER INTERACTION

PANEL

Designing for Driving Change: Economically Empowering Women and Girls around the World through Technology

📍 GRB General Assembly A 🧑 Anna Falth (United Nations), Mana Nakagawa (Facebook, Inc.), Kimberly Bryant (Black Girls CODE), Arpitha Shetty (PwC), Fereshteh Forough (Code to Inspire) ★ Beginner/Intermediate

SECURITY/PRIVACY

PANEL

Defense Against the Dark Arts -- Protecting Your Product From Bad Actors

📍 GRB 340 A 🧑 Ava Zhang (Twitter), Clara Liu (Pinterest), Jackie Bow (Facebook, Inc.), Janelle Bray (LinkedIn), Angelina Huang (Airbnb) ★ Beginner/Intermediate

SECURITY/PRIVACY

Invited Speaker: Mischel Kwon

📍 GRB General Assembly B 🧑 Mischel Kwon (MKA Cyber) ★ All

SOFTWARE ENGINEERING

WORKSHOP

Banishing Code Smells with Test-Driven Development (TDD)

📍 GRB 320 A 🧑 Danielle Lahmani (Bloomberg), Gulru Ustundag (Bloomberg) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

9:00 a.m. - 10:00 a.m.

IoT/WEARABLE TECH WORKSHOP

Hello Watch! Build Your First Apple Watch App

📍 GRB 351 A 👤 Mayuko Inoue (Patreon), Kristina Thai (Intuit) ★ Beginner/Intermediate

OPEN SOURCE PANEL

Open Source belongs in your class. Where do you start?

📍 GRB 310 B-C 👤 Gina Likins (Red Hat), Darci Burdge (Nassau Community College), Nanette Veilleux (Simmons College), Lynn Lambert (Christopher Newport University), Becka Morgan (Western Oregon University) ★ All

OPEN SOURCE PANEL

Why OpenSource is Good for Business

📍 GRB 310 A 👤 Anne Gentle (Cisco Systems, Inc.), Carol Smith (GitHub), Lidiza Louina (Oracle), Hope Lynch (Red Hat), Chris Aniszczyk (Cloud Native Computing Foundation) ★ Beginner/Intermediate

9:00 a.m. - 11:00 a.m.

SPECIAL SESSIONS

Tech Node sponsored by Microsoft

📍 GRB 372 A

SESSIONS DAY 3: FRIDAY

9:00 a.m. - 12:00 p.m.

CAREER

Student Opportunity Lab

📍 Hall A3 ★ Students/Early Career

9:20 a.m. - 9:40 a.m.

ARTIFICIAL INTELLIGENCE PRESENTATION

Using Machine Learning to Build a Semantic Understanding of Mobile Apps

📍 GRB 330 A 👤 Rose Hayes (Google) ★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATION

Ideas to Execution: (Mis)using Code for Prototypes

📍 Hilton Lanier Grand Ballroom A-B 👤 Heather Daggett (Intuit) ★ Beginner/Intermediate

9:30 a.m. - 10:00 a.m.

CAREER PRESENTATION

Being Young Isn't an Excuse: Entry-Level Syndrome

📍 GRB General Assembly C 👤 Emma Sagan (Capital One Labs) ★ Early/Mid-Career

SESSIONS DAY 3: FRIDAY

9:40 a.m. - 10:00 a.m.

ARTIFICIAL INTELLIGENCE PRESENTATION

Predicting User Demographics, Emotions and Opinions in Social Networks

📍 GRB 330 A 🧑 Svitlana Volkova (Pacific Northwest National Laboratory) ★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATIONS

Modern Approach to Releasing Enterprise Products

📍 Hilton Lanier Grand Ballroom A-B 🧑 Bela Stepanova (Box) ★ Beginner/Intermediate

DATA SCIENCE PRESENTATION

Big data: creating value beyond the buzzword

📍 GRB General Assembly A 🧑 Sylvia Smullin (Google) ★ Beginner/Intermediate

10:00 a.m. - 2:00 p.m.

EXPO

Career Fair

📍 GRB Halls B-D

10:00 a.m. - 2:00 p.m.

The last day of GHC 16
career fair!

SESSIONS DAY 3: FRIDAY

10:30 a.m. - 10:50 a.m.

HUMAN COMPUTER INTERACTION PRESENTATION

Disability is a Design Problem

📍 GRB 340 A 🧑 Elise Livingston (Microsoft)
★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

Containerization of Applications: What, Why, & How

📍 GRB 352 D-F 🧑 Jessica Forrester (Red Hat)
★ Beginner/Intermediate

FACULTY PRESENTATION

Advocates & Allies: Engaging More Men in Institutional Transformation

📍 GRB 371 A-C 🧑 Sharon Mason (Rochester Institute of Technology) ★ All

IoT/WEARABLE TECH PRESENTATION

Improving Microsoft HoloLens hologram interaction through custom measures and visualization

📍 GRB 370 A 🧑 Flavia Amaral (Microsoft)
★ Beginner/Intermediate

OPEN SOURCE PRESENTATION

Constructive Conflict Resolution: or how to make lemonade out of lemons

📍 GRB 310 B-C 🧑 Gina Likins (Red Hat)
★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

10:30 a.m. - 10:50 a.m.

OPEN SOURCE PRESENTATION

Engaging with the OpenAPI Initiative Swagger and Community Tools

📍 GRB 310 A 🧑‍🎓 Jennifer Farver (Civis Analytics)
★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATION

Design Thinking: The Key to Connecting with The Why

📍 Hilton Lanier Grand Ballroom A-B 🧑‍🎓 Kathryn Kuhn (CA Technologies/ Rally Software) ★ Beginner/Intermediate

10:30 a.m. - 11:30 a.m.

SPECIAL SESSIONS

Speed Mentoring

📍 GRB Grand Ballroom B

SPECIAL SESSIONS

Support Your Community Through ABI.Local

📍 Hilton 339 🧑‍🎓 Lori Pressley-Mitchell (Black Women in Technology), Dale Stokdyk (Southern New Hampshire University), Lynann Bradbury, Claudette Mital (IBM), Catarina Fernandes (Imperial College London)

SESSIONS DAY 3: FRIDAY

10:30 a.m. - 11:30 a.m.

SPECIAL SESSIONS PANEL

Leading effective Lean In Circles for Women in CS and Engineering

📍 GRB Grand Ballroom C 🧑‍🎓 Melissa Koch (Anita Borg Institute), Kunbi Adeyemo (Facebook, Inc.), Emily Koh (LeanIn.Org) ★ All

BEST OF PANEL #ABIEWINNER

A. Richard Newton Educator, Change Agent and Denice Denton Emerging Leader ABIE Award Winners

📍 GRB 371 D-F 🧑‍🎓 Bih Janet Shufor Fofang (Tassah Academy), Amanda Gicharu-Kemoli (Tech Republic of Africa), Colleen Lewis (Harvey Mudd College) ★ All

CAREER PANEL

Startups, Big Companies, Silicon Valley, Government Contractor - What's the right career path for you?

📍 GRB General Assembly C 🧑‍🎓 Jennifer Liu (Quizlet), Neena Parikh (Benchling), Jacky Chang (Eventbrite), Stephanie deWet (Pinterest), Sha-Mayn Teh (Teachers Pay Teachers) ★ Early/Mid-Career

CRA-W WORKSHOP

The Graduate School Experience

📍 GRB 361 A 🧑‍🎓 Laura Dillon (Michigan State University), Katie Siek (Indiana University Bloomington) ★ All

SESSIONS DAY 3: FRIDAY

10:30 a.m. - 11:30 a.m.

CAREER BIRDS OF A FEATHER

The 3Rs to fuel your career - Redesign, Restructure and Reimagine

📍 GRB 351 A 🧑 Ruchika Dhingra (Intuit), Valesha Jones (Intuit), Manasa Murthy (Intuit), Yujung Shen (Intuit) ★ Mid/Senior/Executive

COMMUNITY

How Technology Impacts Social Justice Movement

📍 GRB 360 A 🧑 Laurin Hodge (Mission: Launch, Inc.), Teresa Hodge (Mission: Launch, Inc.), Angelyn Frazer-Giles (National Association of Criminal Defense Lawyers), Jenn Topper (Sunlight Foundation), Rosario Robinson (Anita Borg Institute) ★ All

PRODUCTS A TO Z

Invited Speaker: Hope Shimabuku

📍 GRB General Assembly B 🧑 Hope Shimabuku (USPTO) ★ All

ORGANIZATION TRANSFORMATION PANEL

What Are Tech Tools Doing That The Best Diversity Initiatives Aren't?

📍 Hilton Lanier Grand Ballroom C 🧑 Stephanie Lampkin (Blendoor), Liz Kofman (Unitive), Aline Lerner (Interviewing.io), Erica Joy Baker (Slack), Laura I. Gomez (Atipica) ★ All

SESSIONS DAY 3: FRIDAY

10:30 a.m. - 11:30 a.m.

ARTIFICIAL INTELLIGENCE WORKSHOP

Introduction to Programming Humanoid Robots with Emotional Intelligence

📍 GRB 320 A 🧑 Angelica Lim (Aldebaran - Softbank Robotics), Marine Chamoux (Aldebaran - Softbank Robotics) ★ Beginner/Intermediate

SECURITY/PRIVACY PANEL

So You Want to Hack The Planet: Demystifying Careers and Opportunities in Cryptography, Security & Privacy

📍 GRB 330 A 🧑 Nadia Heninger (University of Pennsylvania), Leigh Honeywell (Slack), Sandy Clark (University of Pennsylvania), Natalie Silvanovich (Google), Sarah Harvey (Square) ★ Beginner/Intermediate

10:30 a.m. - 12:30 p.m.

SPECIAL SESSIONS

Film Screening: "She Started It" sponsored by Google

📍 Hilton Lanier Grand Ballroom D-E

SESSIONS DAY 3: FRIDAY

10:50 a.m. - 11:10 a.m.

FACULTY PRESENTATION

More Interested in Josh's Ideas Than Jessica's? Breaking Those Biased Habits

📍 GRB 371 A-C 🧑 Therese Huston (Seattle University) ★ All

DATA SCIENCE PRESENTATION

Now that you have data – what's next? From data to anomalous alerts and everything in between

📍 GRB General Assembly A 🧑 Kavitha Balasubramanian (Microsoft) ★ Beginner/Intermediate

HUMAN COMPUTER INTERACTION PRESENTATION

Practical Design Thinking

📍 GRB 340 A 🧑 EL Fox (Triplt) ★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

Function as a Service: Easy Scaling with Minimal Operational Overhead

📍 GRB 352 D-F 🧑 Xianjin Zhu (Two Sigma Investments) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

10:50 a.m. - 11:10 a.m.

IoT/WEARABLE TECH PRESENTATION

The ALS Mobile Analyzer : An Innovative Way to Measure Disease Progression

📍 GRB 370 A 🧑 Meirav Daniel (SAP) ★ Beginner/Intermediate

OPEN SOURCE PRESENTATION

Diversity in Open Source: No Longer at Square One

📍 GRB 310 B-C 🧑 Marina Zhurakhinskaya (Red Hat) ★ Beginner/Intermediate

OPEN SOURCE PRESENTATION

Navigating and Contributing to Large-Scale Open Source Projects

📍 GRB 310 A 🧑 Beth Dakin (Apple, Inc.) ★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATION

Working Effectively with UX Teams

📍 Hilton Lanier Grand Ballroom A-B 🧑 Agnieszka Madurska (Google UK) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

11:10 a.m. - 11:30 a.m.

FACULTY PRESENTATION

Research Matters: The Problem of non-Research-Intensive Institutions in Developing Countries

📍 GRB 371 A-C 🧑 Chao Mbogo (Kenya Methodist University) ★ All

HUMAN COMPUTER INTERACTION PRESENTATION

Prototyping User Interfaces with CSS

📍 GRB 340 A 🧑 Vicki Murley (Apple, Inc.)
★ Beginner/Intermediate

DATA SCIENCE PRESENTATION

Explaining the Fundamental Secrets of the Universe: How Spark and HPC might help Experimental High Energy Physics Analyses

📍 GRB General Assembly A 🧑 Saba Sehrish (Fermilab) ★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

Microservices and Containers – New Trends of Distributed Computing

📍 352 D-F 🧑 Padmashree B (SAP Labs India Pvt. Ltd.) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

11:10 a.m. - 11:30 a.m.

IoT/WEARABLE TECH PRESENTATION

Ageing Population and the Internet of the Caring Things

📍 GRB 370 A 🧑 Susann Keohane (IBM)
★ Beginner/Intermediate

OPEN SOURCE PRESENTATION

Hadoop At Scale: Challenges Drive Innovation

📍 GRB 310 A 🧑 Vinitha Gankidi (LinkedIn)
★ Beginner/Intermediate

OPEN SOURCE PRESENTATION

Opening Doors in Open Source

📍 GRB 310 B-C 🧑 Nithya Ruff (SanDisk)
★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATION

The Decisions that Mattered the Most – Transforming the Survey Respondent Experience at SurveyMonkey

📍 Hilton Lanier Grand Ballroom A-B 🧑 Shayani Roy (SurveyMonkey) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

12:00 p.m. - 12:20 p.m.

DATA SCIENCE PRESENTATION

Mobile Trajectory-based Advertising Using Customer Physical Movement Patterns

📍 GRB 340 A 👤 Beibei Li (Carnegie Mellon University) ★ Beginner/Intermediate

IoT/WEARABLE TECH PRESENTATION

Wearable Banking: When Technology Really Makes Life Easier

📍 GRB 370 A 👤 Carmen Ramirez (Paypal) ★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATION

How Digital Wallets and Tokenization will Change Commerce

📍 Hilton Lanier Grand Ballroom A-B 👤 Tony England (Bank of America) ★ Beginner/Intermediate

SECURITY/PRIVACY PRESENTATION

Machine Learning & Information Security

📍 GRB General Assembly A 👤 Catherine Edwards (Capital One) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

12:00 p.m. - 12:20 p.m.

SOFTWARE ENGINEERING PRESENTATION

Welcome To The Real World: Coding For The Future Within A Legacy-Code Jungle

📍 GRB 330 A 👤 Barbara Raitz (Airbnb) ★ Beginner/Intermediate

12:00 p.m. - 12:30 p.m.

OPEN SOURCE PRESENTATION

Transforming an Internal Tool to an Open Source Project

📍 GRB 310 B-C 👤 Niharika Ray (Airbnb) ★ Beginner/Intermediate

12:00 p.m. - 1:00 p.m.

SPECIAL SESSIONS

UWiC Speed Mentoring

📍 GRB Grand Ballroom B

SPECIAL SESSIONS

ABI Curriculum Series

📍 GRB 362 A 👤 Vanessa Hernandez (Aon Hewitt), Karis Ng (PROS (Inc)), Melissa Koch (Anita Borg Institute)

SESSIONS DAY 3: FRIDAY

12:00 p.m. - 1:00 p.m.

SPECIAL SESSIONS

Becoming an ABI.Local Community Leader & Volunteer

📍 Hilton 339 🧑 Sheila Oh (Seattle University), Gen Ashley (Tech(K)now), Mine Ogbura (eBay Classified), Natasha Green (WeIntervene LLC), Angie Foss (Southern New Hampshire University) ★ All

SPECIAL SESSIONS

PANEL

Featured Panel: Shopping for a New Career? CIO Perspectives on Technical Roles in the Retail Industry

📍 GRB General Assembly B 🧑 Mike McNamara (Target), Liz Centoni (Cisco Systems, Inc.), Bala Subramanian (Best Buy), KarenAnn Terrell (Walmart Technology) ★ All

ORGANIZATION TRANSFORMATION

Measure What Matters: Using Data to Drive Change

📍 Hilton Lanier Grand Ballroom C 🧑 Michelle Leahy (Anita Borg Institute), Moritz Sudhof (Kanjoja)

SESSIONS DAY 3: FRIDAY

12:00 p.m. - 1:00 p.m.

BEST OF

PANEL

New Horizons for Artificial Intelligence

📍 GRB 371 D-F 🧑 Christina Apatow (api.ai), Jin Zhang (CA Associates), Chau Dang (Accenture Labs), Margaret Mayer (Capital One) ★ Beginner/Intermediate

CAREER

WORKSHOP

P is for Promotion: How to get recognized at work!

📍 GRB 360 A 🧑 Shilpa Vir (eBay), Brittany Marmanillo (Exec Comm) ★ Early/Mid-Career

CAREER

PANEL

The Art & Science of Influence Management

📍 GRB General Assembly C 🧑 Pamela Rice (OnDeck), Linda Wastack (Verizon), Melissa Borza (CA Technologies), Kim Huffman (WageWorks), Julie Iskow (Medidata Solutions) ★ Mid/Senior/Executive

COMMUNITY

Women at the Intersection of Race, Gender Identity and Tech

📍 GRB 310 A 🧑 Viola Maxwell-Thompson (Information Technology Senior Management Forum), Apriel Hodari (Eureka Scientific Inc.), Darlene Gillard (Digital Undivided) ★ All

SESSIONS DAY 3: FRIDAY

12:00 p.m. - 1:00 p.m.

FACULTY PANEL

Cultivating More Women in Academia

📍 GRB 371 A-C 🧑 Brandeis Marshall (Spelman College), Jennifer Walter (Vassar College), Tiffani Williams (Texas A&M), Suzanne Matthews (United States Military Academy) ★ All

CRA-W WORKSHOP

Finding Your Dream Job with a Ph.D.

📍 GRB 361 A 🧑 Dilma Da Silva (Texas A&M University), Rita Wouhaybi (Intel Labs) ★ All

ARTIFICIAL INTELLIGENCE PANEL

Moral Machines: How philosophy can help AI decide right from wrong

📍 GRB 320 A 🧑 Tulsee Doshi (Google), Maya Balakrishnan (Stanford University), Omoju Miller (UC Berkeley), Michele Reilly (Turing Inc.) ★ Beginner/Intermediate

HUMAN COMPUTER INTERACTION WORKSHOP

Experience Prototyping: Using improvisation to explore use cases for new technologies

📍 GRB Grand Ballroom C 🧑 Anne Konertz (Qualcomm), Gini Keating (Qualcomm) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

12:00 p.m. - 1:00 p.m.

OPEN SOURCE WORKSHOP

Contributing to Open Source Software

📍 GRB 351 A 🧑 Dan Langille (The FreeBSD Project), Dru Lavigne (The FreeBSD Foundation) ★ Beginner/Intermediate

12:20 p.m. - 12:40 p.m.

IoT/WEARABLE TECH PRESENTATION

The SmartCooler – IoT and the Connected World

📍 GRB 370 A 🧑 Rekha Jois (PricewaterhouseCoopers LLP) ★ Beginner/Intermediate

PRODUCTS A TO Z PRESENTATION

When Data is Your Product: Empowering Business Users

📍 Hilton Lanier Grand Ballroom A-B 🧑 Denise McInerney (Intuit) ★ Beginner/Intermediate

DATA SCIENCE PRESENTATION

Systems Monitoring via Subspace Tracking Algorithms

📍 GRB 340 A 🧑 Sarah Rich (Twitter) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

12:20 p.m. - 12:40 p.m.

SECURITY/PRIVACY PRESENTATION

An Introduction to Blockchain and Smart Contract Technology

📍 GRB General Assembly A 🧑 Hudson Jameson (USAA) ★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

You may not be a polyglot but your code needs to be

📍 GRB 330 A 🧑 Denisse Osorio de Large (Cerner) ★ Beginner/Intermediate

12:20 p.m. - 12:40 p.m.

DATA SCIENCE PRESENTATION

Machine Learning: It's in the Game

📍 GRB 340 A 🧑 Polina Gouskova (Electronic Arts) ★ Beginner/Intermediate

IoT/WEARABLE TECH PRESENTATION

Solving waste management with smart dustbins

📍 GRB 370 A 🧑 Harshita Kasera (USC) ★ Beginner/Intermediate

SESSIONS DAY 3: FRIDAY

12:30 p.m. - 1:00 p.m.

OPEN SOURCE PRESENTATION

Engaging Open Source Community in Quality Assurance

📍 GRB 310 B-C 🧑 Preethi Thomas (Red Hat) ★ Beginner/Intermediate

12:40 p.m. - 1:00 p.m.

PRODUCTS A TO Z PRESENTATION

Creating an engaging developer ecosystem: The IBM developerWorks story

📍 Hilton Lanier Grand Ballroom A-B 🧑 Stephanie Parkin (IBM) ★ Beginner/Intermediate

SECURITY/PRIVACY PRESENTATION

An Offensive Renaissance: Rethinking Offense in the Cyber Domain

📍 GRB General Assembly A 🧑 Andrea Limbago (Endgame) ★ Beginner/Intermediate

SOFTWARE ENGINEERING PRESENTATION

Architecting Solutions to Enterprise Search

📍 GRB 330 A 🧑 Cathy Polinsky (Salesforce) ★ Advanced

SESSIONS DAY 3: FRIDAY

1:00 p.m. - 2:30 p.m.

Lunch is available for purchase at the convention center. Most of the lunches listed here are available on a first come, first served basis and you are welcome to join.

LUNCHES & RECEPTIONS

Lunch Break

★ All

Black Women in Computing Lunch

📍 Hilton Ballroom of Americas C ★ All

Latinas in Computing Lunch

📍 Hilton Ballroom of Americas B ★ All

Faculty Lunch

📍 GRB 332 D-F

Researchers Lunch

📍 GRB 332 A-C ★ All

Systems Lunch

📍 Hilton Ballroom of Americas D-F ★ All

GHC Committees Lunch (Invite Only)

📍 GRB 342 D ★ All

ACM-W Council Lunch (Invite Only)

📍 GRB 322 A ★ All

SESSIONS DAY 3: FRIDAY

3:00 p.m. - 4:30 p.m.

KEYNOTE

Where Women Belong

📍 Toyota Center 🧑 Marc Benioff (Salesforce), Megan Smith (U.S. Office of Science and Technology Policy) and more ★ All

5:00 p.m. - 6:00 p.m.

SPECIAL SESSIONS

ABI Communities Meetup

📍 Hilton Lanier Grand Ballroom G-H ★ All

6:30 p.m. - 11:30 p.m.

Friday Night Celebration

📍 GRB Hall E



Cap off GHC 16 with a night to remember and revel with friends, old and new!



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