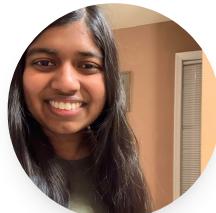


SPEAKERS



Camille Eddy
data science
"Diversity in data science: How does it affect Artificial Intelligence?"



Lekha Surasani
devops
"Infrastructure as code (AWS) Workshop"



Katy Farmer
devops "How to Be Happy Being Average"



Dave Aronson
development "No Mutant Left Behind: Intro to Mutation Testing"



Jennifer Wilcox
iot "FPGA Programming for Software Engineers with Haskell and Clash"



Natalie Dillard Baker
development "When and How to Use Vuex for State Management in Vue Applications"



data science "Node-RED and TensorFlow.js: The Low-Code Approach to Machine Learning Apps for IoT"



Nathan Alderson
career "Enneagram for Engineers"



BJ Burns
career "Post Mortem: Dealing With Failure In Development"



Dr. Chris S. Crawford
iot "Brain-Robot Interaction with Live Demonstration: Fly drones with your mind!"



Laura Ellis
data science "Data Storytelling with Effective Data Visualization Techniques"



Ashley Grenon
iot "Communicate with Bluetooth LE devices from the Web"



Nicole Tibaldi
development "Zero to Eighty: Getting your testing initiative off the line"



Victor Itekporon
data science "Twitter Data Mining: Gathering and Pre-processing Location Based Tweets for Textual Analysis and Insights"



Kenzie Woodbridge
career "Everyone's a player (in a mid-90s MUD)"



Pierre DeBois
data science "TensorFlow in R Programming; A Beginner's Primer For Machine Learning"



Milecia McGregor
devops "Controlled Chaos - How Chaos Engineering Makes Better Developers", "How Going Serverless Changed Our DevOps Operations"



Toni Eberhart
career "Ecosystem Building: Creating an inclusive community starts with you!"



Christiana Unaaze
development "Guidelines on Designing and Testing Accessibility"

Check back for more to come!

Trouble seeing speakers? Download a PDF of all speakers, talks, and bios currently listed.

Bios



Camille Eddy

"Diversity in data science: How does it affect Artificial Intelligence?"

data science

Camille Eddy is a robotics engineer and tech expert. She studies bias in AI and uses her international speaking platform to teach engineers, testers and non-technical founders the use cases of de-biasing algorithms released today. She serves on the board for two nonprofit STEM outreach organizations based both in San Francisco and San Diego. She also coaches students and early career professionals through her website. Camille is currently an undergraduate student in her last year of studies at the University of Idaho. You can hear more of her talks on podcast episodes for The New Stack, Hanselminutes and The Changelog.



Lekha Surasani

Fullstack Software Engineer
SalesLoft

"Infrastructure as code (AWS) Workshop"

devops

I'm a Fullstack Software Engineer at SalesLoft in Atlanta! I work in Ruby on Rails and React and like to dabble in devops on occasion. I like to read, watch TV, and hang out with my cat!





Katy Farmer
Developer Relations Manager
LightStep

"How to Be Happy Being Average"

devops

Katy lives in Oakland, CA with her sweetheart and two dogs (at least one of whom talks to her about fun, technical stuff), but has lived in lots of places from East Coast to West Coast. She loves to experiment with code, break stuff, and try to fix it. Over the years, she's been an editor, juice bar barista, IT technician, and manual laborer, so she's learned to fail and try again in a lot of industries. Ask her about video game development, Russian Literature, Star Wars, Dragon Age, or chord progressions—she'll be your friend right away.



Dave Aronson
T. Rex
Codosaurus, LLC

"No Mutant Left Behind: Intro to Mutation Testing"

development

Dave Aronson has about three and a half decades of professional software development experience, in a wide variety of languages, frameworks, systems, techniques, domains, etc., mostly Ruby (both on and off Rails), C, Unix/Linux, and security. He is the T. Rex of Codosaurus, LLC (his one-person software development consulting company, which explains how he can get such a cool title), near Washington, DC. His latest "passion project" is to perfect and spread ACRUMEN, a new and much simpler definition of Software Quality he invented. On more personal notes, Dave is married, and co-owned by two cats. He enjoys dark beers, smokey whiskies, playing guitar, and shooting targets.



Jennifer Wilcox

Senior Software Engineer
ADTRAN, Inc.

"FPGA Programming for Software Engineers with Haskell and Clash"

iot

I like making things! Software, plushies, plants, Minecraft worlds, you name it I've been a software engineer for 5 years, and enjoy working with low level concepts like computer architecture and systems programming, as well as high level tools like Haskell and Python.



Natalie Dillard Baker

Front End Developer
Millennium Corporation

"When and How to Use Vuex for State Management in Vue Applications "

development

Natalie is a frontend developer and JavaScript enthusiast. She is also a mom, wife, artist, student, and all around creative person. Natalie has worked in software development for four years, and prior to that has an extensive design background. Natalie enjoys working with JavaScript because of its flexible nature, though she still sometimes struggles to love its many quirks. When she is not wrestling Vue components into submission, Natalie can usually be found hanging around with her family and enjoying the simple things in life.



va barbosa

developer advocate

"Node-RED and TensorFlow.js: The Low-Code Approach to Machine Learning Apps for IoT"

data science

As a developer advocate for the Center for Open-Source Data & AI Technologies at IBM, va barbosa is focused on helping developers discover and use data and machine learning technologies. The goal being to make AI more accessible to developers and easier for developers to leverage the tools and practices and get involved with machine learning. It fueled by his passion to help others and his enthusiasm for open source technology. If you can't find him in front of a computer try looking behind a camera.

**Nathan Alderson**

System Architect
ADTRAN, Inc.

"Enneagram for Engineers"

career

Nathan is a systems architect at Adtran with a broad background including embedded design, cloud technology, microservices architecture, and software defined networking. Currently, he is developing firmware for whitebox switches to bring many of the operational and technical advantages of data center technologies into the access network.

**R.I. Burns**

Owner/Co-Host
Complete Developer Podcast

"Post Mortem: Dealing With Failure In Development"

career

BJ Burns is a Full Stack .Net Developer, Certified SCRUM Developer, Certified SCRUM Master, Meetup Organizer, and 1/2 of the Complete Developer Podcast. BJ first became interested in computers with his first experience in fourth grade using DOS prompt to play Oregon Trail in the computer lab at my elementary school. He began programming in high school when he took a class on QBasic. For him coding was a hobby, something he did for fun until a few years ago when he left medicine and decided to pursue a career as a developer.



Dr. Chris S. Crawford

Assistant Professor
The University of Alabama

"Brain-Robot Interaction with Live Demonstration: Fly drones with your mind!"

iot

Dr. Chris S. Crawford is an Assistant Professor at the University of Alabama's Department of Computer Science. He directs the Human-Technology Interaction Lab (HTIL). His research focuses on human-robot interaction and Brain-Computer Interfaces (BCIs). He has investigated systems that provide computer applications and robots with information about a user's cognitive state. In 2016, he developed a brain-drone racing system that was featured on over 800 news outlets including Discovery, USA Today, and the New York Times, and Forbes. Along with investigating brain-robot interaction applications, Dr. Crawford also recently developed Neuroblock, a software platform for developing neurofeedback applications.



Laura Ellis
Analytics Architect
IBM Cloud

"Data Storytelling with Effective Data Visualization Techniques"

data science

Laura Ellis is a data geek who aims to make data science and analytics accessible to everyone. She started her analytic journey with databases and has been hooked ever since. As a natural progression, she moved from databases to BI and then on data science and predictive modelling. Most recently she has focused on real-time event streaming platforms and data applications in an effort to enable data democracy. She has worked in the data field holding a variety of positions for 15 years. She holds a Bachelor of Engineering Science, Software Engineering from the University of Western Ontario and a Master of Science in Predictive Analytics from Northwestern University. Check out her blog: www.littlemissdata.com



Ashley Grenon

"Communicate with Bluetooth LE devices from the Web"

iot

Ashley writes software for a living and as a hobby. When she's not in front of a computer, she's in her garage woodworking, at a table gaming or hanging out with her family.



Nicole Tibaldi

Engineering Manager
Gatsby

"Zero to Eighty: Getting your testing initiative off the line"

development

Nicole is the Engineering Manager for the Cloud team at Gatsby. She cares deeply about improving tech hiring, agile processes, and bridging the gaps between product, design, and engineering. Nicole has previously worked as a frontend engineer for Halifax-based startup Manifold.co and New York travel company Tablet Hotels, and managed the Growth team at CircleCI. Prior to her pivot to the tech industry, she earned a Bachelor of Arts in music performance and spent five years working in banking.



Victor Irekponor

Data scientist

RETINA-AI HEALTH Inc

"Twitter Data Mining: Gathering and Pre-processing Location Based Tweets for Textual Analysis and Insights"

data science

Victor Irekponor is a 500 level student of Urban and Regional Planning, University of Lagos, Akoka, Lagos, Nigeria. He is tech savvy and autodidact. Asides his Urban planning and design skills, he is a programmer/data scientist with over three years of extensive experience in cleaning and preprocessing data, as well as building and deploying competitive models, having competed in a number of kaggle competitions, he was also the chief student volunteer for the Data Science Nigeria, UNILAG community. (2018) He currently trains Convolutional Neural Networks (CNNs) for RETINA-AI Health Inc, a US based Healthcare tech company devoted to using Artificial Intelligence to discover better ways to diagnose and treat Retinal diseases. He has a very strong passion for Research, Machine Learning, and Artificial Intelligence with keen interests in Computer Vision and Natural Language Processing.



Kenzie Woodbridge

Systems Analyst

"Everyone's a player (in a mid-90s MUD)"

career

Kenzie works at the British Columbia Institute of Technology, as a Systems Analyst, Web Developer, Docs Wrangler, and Community Manager. Kenzie has a passion for communication, continuous iterative improvement, and for systemic solutions to

Community Manager Kenzie has a passion for communication, continuous relative improvement, and for systemic solutions to systemic problems. Kenzie has previously spoken at PSEWeb, BCNET, Write the Docs, the International Conference on Communication & Media Studies, the Association of Internet Research Conference, Bifrost Conference for Leaders in Tech, DevOpsDays events in various locations, and STC InterChange, and completed a Master's degree in Professional Communication by writing their thesis on prosocial community within Minecraft multiplayer servers. After long debate and discussion, it has been decided that Kenzie would, at the age of 11, likely have been sorted into Gryffindor, though there are arguments to made for every house.



Pierre DeBois

Founder / CEO
Zimana

"TensorFlow in R Programming; A Beginner's Primer For Machine Learning"

data science

Pierre DeBois is the founder and CEO of Zimana, an analytics services firm that helps organizations achieve profitability improvements in marketing, Web development, and business operations. Zimana has provided services for clients in many industry verticals. Pierre has also provided digital marketing and analytic workshops. His first major workshop was for the City of Chicago Treasurer's Office as part of the 2014 Small Business Expo (SBE). Since then, he has conducted workshops and presentations across the United States, including:

- A general marketing workshop and panel for General Assembly in Chicago (2015)
- CivicBLUE workshops for BlueLacuna, a business incubator in the Pilsen neighborhood of Chicago; CivicBLUE explained the importance of data science for developing community solutions
- The DX Summit, a marketing conference hosted by CMS Wire in 2015, 2016, and 2017
- R programming session, Interop ITX in Las Vegas (2017)
- Analytics workshop for Content Marketing World in Cleveland (2017).
- Sentiment Analysis at O'Reilly OSCON in Portland Oregon (2018).
- Google Analytics and R programming at Indy.Code and Nebraska.Code, developer conferences in Indianapolis, IN and Council Bluffs, IA (Omaha, NE), respectively (2018 & 2019)
- TensorFlow in R Programming; A Primer at DevFest KC 2019, Kansas City, MO
- TensorFlow in R Programming; A Primer at 2019 Applied Machine Learning Festival, Charlottesville, VA
- R Programming Workshop, Beer City Code 2019, Grand Rapid, MI
- Content marketing with Google Analytics, INBOUND 2019, Boston, MA •

Google Analytics & TensorFlow with R, 2019 Michigan Dev Fest Detroit, MI His workshops have covered the gamut of business, data science, and programming topics, with a focus on JavaScript frameworks, Google Analytics, and R Programming. Pierre is also an analytics tech and business intelligence writer. He has contributed articles to CMS Wire, DMNews, and Information Week. He is also an associate editor of business book reviews for Small Business Trends, as well as credited as a technical editor for two Pearson/Que digital marketing publications. Pierre's article on Google Analytics audience reporting was one of CMSWire's Top 10 Digital Marketing Articles for 2018. He is currently working on his first R programming book, R for Business Analysis. Pierre has been featured in the Chicago Sun-Times, and was a presenter for the Google Get Your Business Online program in 2017. Pierre is a Prairie View A & M University graduate (mechanical engineering) and a Georgia Tech graduate (MBA). He is a native of Gary, Indiana, serving small businesses and organizations throughout the United States. Video Appearances 2019 Noire Histoir - Pierre DeBois, Digital Marketing Analytics Entrepreneur on Working With Other People <https://www.youtube.com/watch?v=zzFm-KW2ins> 2018 What Does It Mean To Be Black In Tech - Black Techs Unplugged - <https://www.youtube.com/watch?v=zPz61UdBuxo&t=192s> 2017 Chicago Sun Times Interview <https://www.youtube.com/watch?v=aQSAiTpgiw> 2017 Chicago Sun Times Article <https://chicago.suntimes.com/news/sunday-sitdown-pierre-debois-using-analytics-to-help-small-biz/> 2017 Predictive Analytics Twitterchat – Content Marketing World <https://www.contentmarketingworld.com/predictive-analytic-a-cmworld-chat-with-pierre-debois/> Full transcript of Predictive Analytics Twitterchat <https://storify.com/CMContent/predictive-analytics> 2017 Change and Community - Information Week <https://www.contentmarketingworld.com/predictive-analytic-a-cmworld-chat-with-pierre-debois/>

Interview (w/ Jim Connolly) <https://www.informationweek.com/big-data/change-and-community-in-analytics/v/d-id/1328942>
 2016 Zimana founder Pierre DeBois explains customer analytics - <https://www.youtube.com/watch?v=IRnhvbzPfpQ> 2015 TEW - The Entrepreneur Within Vol 3 (co-author) <https://www.youtube.com/watch?v=uZJgjJcB3lg> 2015 Digital Marketing Trends workshop <https://www.youtube.com/watch?v=0lpuhXXKm0o&t=1311s> 2014 All Analytics Google Hangout (with Jim Connolly) <https://www.youtube.com/watch?v=UTRM8WTOWP4> 2012 Interview New American Chamber of Commerce - Brooklyn <https://www.youtube.com/watch?v=b6anQ5ugxo4> 2012 Google Analytics Webinar with Ramon Ray: What Small Businesses Must Know About Web Analytics - 2012 <https://www.youtube.com/watch?v=PUYeBvqGbsc> 2011 - Analytics Tips for Bloggers - Interview with Tai Goodwin <https://www.youtube.com/watch?v=4UEzGqGOhjQ>



Milecia McGregor

Senior UI Engineer
Mediavine

"Controlled Chaos - How Chaos Engineering Makes Better Developers", "How Going Serverless Changed Our DevOps Operations"

devops

Milecia is a senior software engineer & has a master's degree in mechanical & aerospace engineering. She has published research in machine learning & robotics. She started Flipped Coding to teach people how to code with real-world projects & she publishes articles covering all aspects of software.



Toni Eberhart

Mazda Toyota Manufacturing

"Ecosystem Building: Creating an inclusive community starts with you!"

career

Toni Eberhart works in Corporate Communications at Mazda Toyota Manufacturing – a \$1.6B joint venture automotive plant in Huntsville, AL. Throughout her career she has used her specialties in strategic communications, community engagement, and

corporate brand development to empower companies across diverse industries such as medicine, energy infrastructure, manufacturing, higher education, and government. Toni is a nationally recognized leader in entrepreneurial ecosystem building initiatives, often advocating for burgeoning business & technology communities. She is a graduate of the Drexel University LeBow College is Business in Philadelphia, Penn. She serves on the non-profit boards of Urban Engine and Startup Champions Network. A mom of two, Toni is a lifelong runner with a passion for empowering others to pursue their passion, #GSD, and crush goals.



Christiana Unaeze

"Guidelines on Designing and Testing Accessibility"

development

Christiana Unaeze is a User Experience Designer, Entrepreneur and Visual Design Strategist. She has over a decade of combined experience in visual and user experience design, project management and design consulting. Currently, Christiana is a consultant with a federal agency where she leads and supports design and accessibility efforts on multiple projects. She is on a mission to help design products that are engaging, creative and accessible to all. She is also a runner, an avid reader, a Game of Thrones fan, an aficionado of statement jewelry, and a fervent DIYer.