



SPEAKERS



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

**Katy Farmer**

devops "How to Be Happy Being Average"

**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 "



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"



Victor Itekponor

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)"

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Christiana Unaeze

development "Guidelines on Designing and
Testing Accessibility"

Check back for more to come!

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.



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.



Jennifer Wilcox 

Senior Software Engineer
ADTRAN

"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.





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



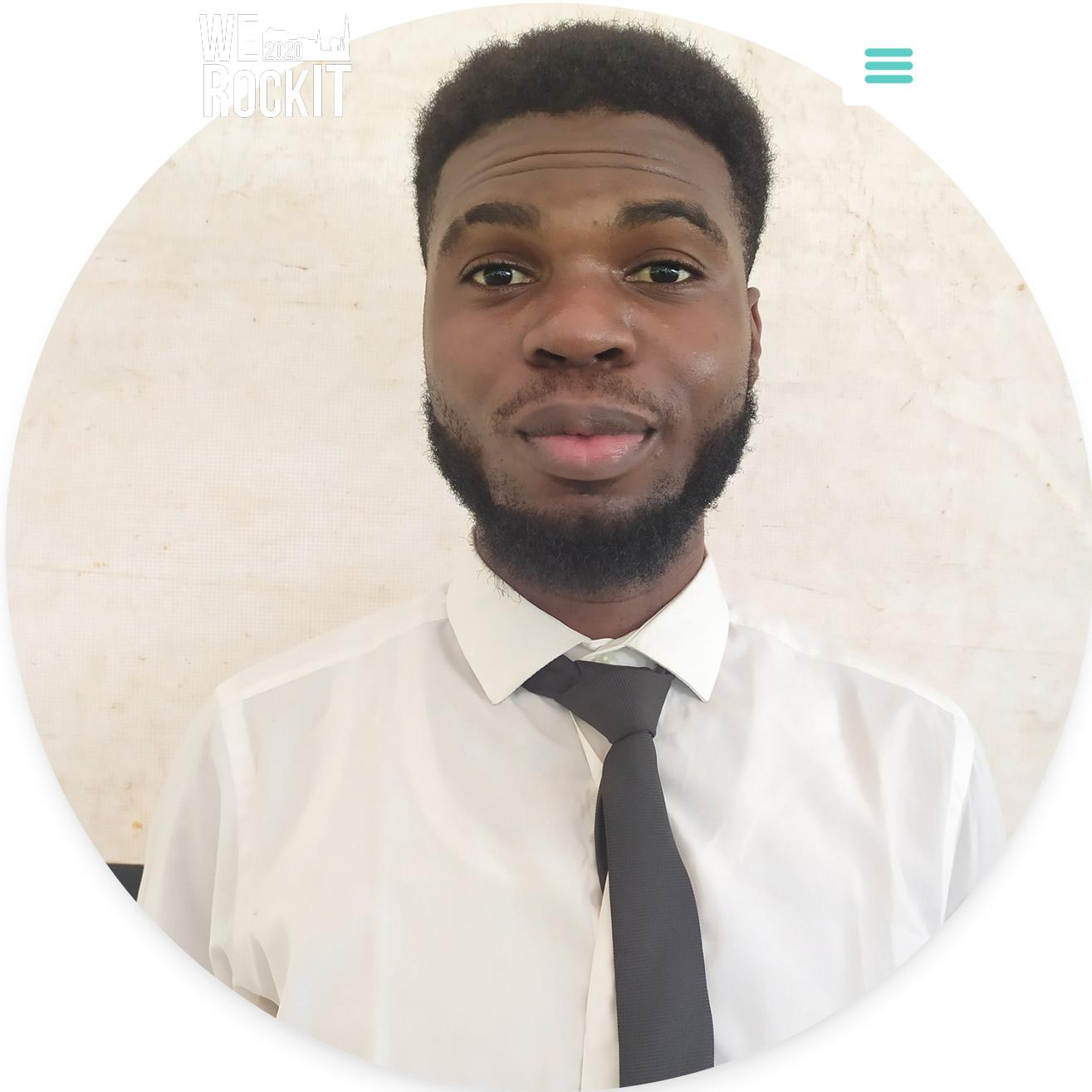
Laura Ellis is a data geek who aims to make data science and analytic accessible to everyone. She started her analytic journey with databases and has been hooked ever since. As a natural progression, she moved from databases to BI and then on data science and predictive modelling. Most recently she has 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.



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

I am Victor Irekponor, a final year undergrad student of the department of Urban and regional planning, University of Lagos, Akoka, Lagos, Nigeria. I am very much tech savvy, and asides from my Urban Planning and Design skills, I am also a programmer/Data scientist with over two years of experience in cleaning and preprocessing data, as well as building and deploying competitive models, having competed in a number of Kaggle

competitions and was also the chief volunteer for the Data Science Nigeria, UNILAG Community. I currently train Convolutional Neural Networks (CNNs) for NA-AI Health Inc, a US based Health care tech company devoted to using Artificial Intelligence to discover better ways to diagnose and treat Retinal diseases. I have a very strong passion for Research, Machine Learning and Artificial Intelligence with Keen interests in Computer Vision and Natural Language Processing.





Kenzie Woodbridge

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"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 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.





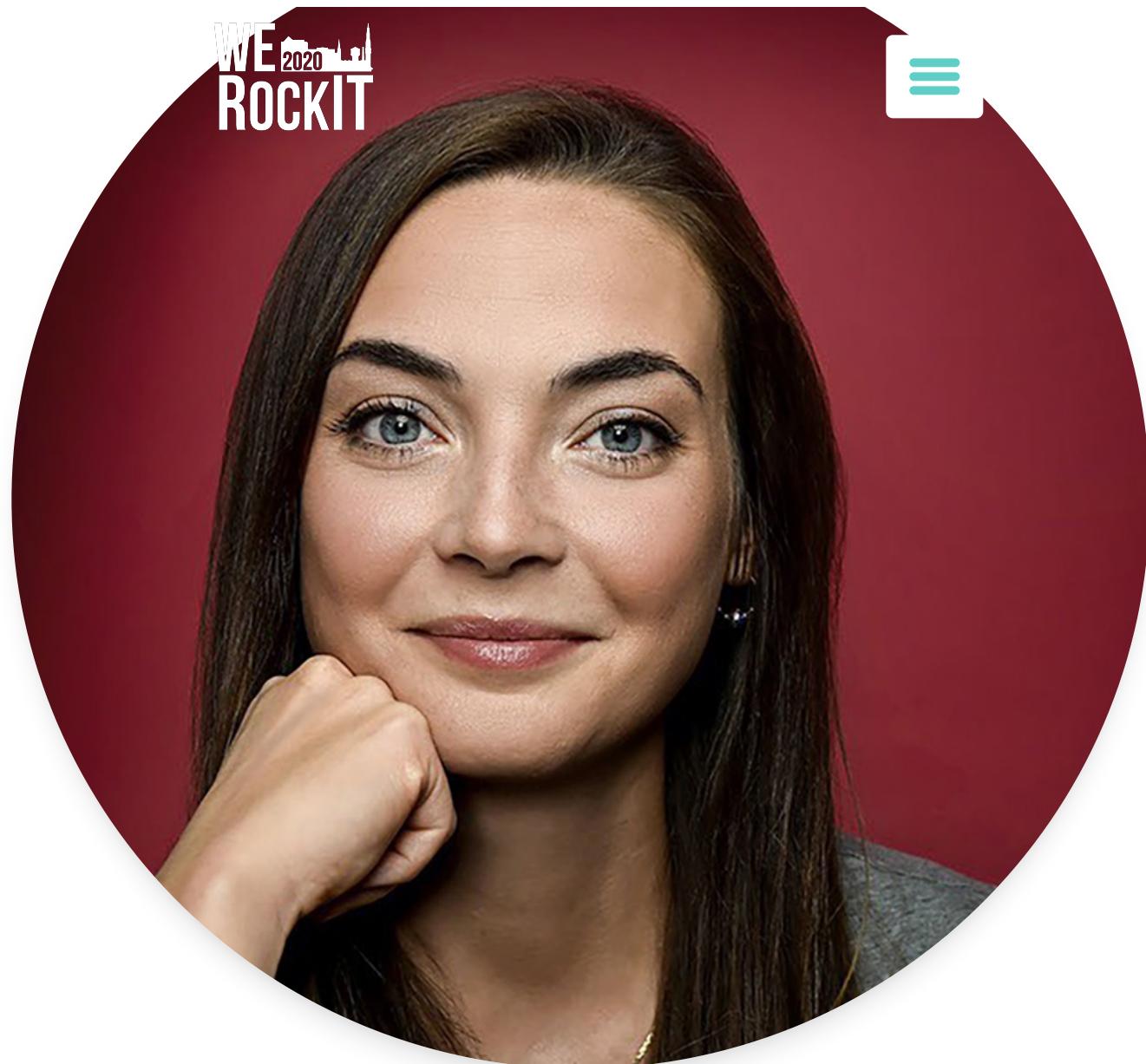
Milecia McGregor

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.



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