

# Wednesday, August 21

## Morning Session 9:00 am to 12:00 pm

## Afternoon Session 1:00 pm to 4:00 pm

	Morning Session 9:00 am to 12:00 pm	Afternoon Session 1:00 pm to 4:00 pm
<b>Regency South A</b>	Build your first full-stack Blazor app – Ed Charbeneau	Build your first full-stack Blazor app – Ed Charbeneau
<b>Regency South B</b>	Develop an ASP.NET Core 2.1+ App with EF Core 2.1+ in a Day Hands On Lab – Phil Japikse	Develop an ASP.NET Core 2.1+ App with EF Core 2.1+ in a Day Hands On Lab – Phil Japikse
<b>Oaks</b>	Java 9, 10 & 11 Workshop – Christopher Judd	Java 9, 10 & 11 Workshop – Christopher Judd
<b>Derby</b>	Introduction to Docker and Kubernetes – James Strong, Henry Gallo, and Matt Garber	Introduction to Docker and Kubernetes – James Strong, Henry Gallo, and Matt Garber
<b>Churchill Downs</b>	eXtreme Programming: a hands-on workshop – Jason McKee	eXtreme Programming: a hands-on workshop – Jason McKee
<b>Park Suite</b>	Hands On with Data Science with Python and Friends – Douglas Starnes	Using Data science to solve national security problems. – Luther Hill
<b>Conference Theater</b>	Getting Git – Jason McCreary	Automating your Cloud: Infrastructure as Code using Terraform – Mike Branstein & Eric Rhoads
<b>Keeneland</b>	Microservices in a Day Using .NET Core and AWS – David Merk & Scott Schuenemeyer	Microservices in a Day Using .NET Core and AWS – David Merk & Scott Schuenemeyer
<b>Pimlico</b>	Charting a Course to Your Dream Job – Cassandra Faris & Kim Preece	Code Switching: Black Life in the Digital Renaissance – Shauntrice Martin
<b>Belmont</b>	Avoiding Landmines – A Tech Leader's Guide for the Critical Decisions – Jared Faris & Scott Drake	Accessibility Basics – Martine Dowden & Michael Dowden

# Thursday, August 22

	9:00 am - 10:00 am	10:15 am - 11:15 am	11:30 am - 12:30 am	12:45 pm - 1:45 pm	2:00 pm - 3:00 pm	3:15 pm - 4:15 pm	4:30 pm - 5:30 pm
<b>Regency South A</b>	Database DevOps with Containers – Rob Richardson	Introduction to Amazon AWS – Brian Korzynski	Compositional UIs - the Microservices Last Mile – Jimmy Bogard	Machine Learning made Easy - An Introduction to ML.NET – Alexander Slotte	The Journey - How large scope and complex requirements meet agile development and modern architecture – UPS	I'm Going to Make You Stop Hating CSS – Lemon	Cosmic Full-Stack a Blazor, ML.NET, and CosmosDB Mashup – Ed Charbeneau
<b>Regency South B</b>	Finding your place in the Cosmos: When and why you should consider Azure Cosmos DB – Eric Potter	What's New in Entity Framework Core 2.2? – Chris Woodruff	Resilient Fault Tolerance with the Polly Project – Joe Gardner	Background Tasks Without a Separate Service: Hangfire for ASP.NET – Matthew Groves	Intro to VueJS and Test Driven Development – Humana Experience Center	.NET Everywhere, Building Applications on the Tizen Platform – Jason Robert	Practical ASP.NET Core CI/CD with Azure DevOps in Under 60 Minutes – Mitchel Sellers
<b>Oaks</b>	Protecting App Secrets with .NET Core and Azure – Scott Addie	In-Depth Software Design for Developers (From a Designer) – Ryan Albertson	Join the CSS Future with CSS Grid – Bryan Robinson	I Don't Need No Stinkin' Framework - I Don't Need No Stinkin' Framework - Mastering Shadow DOM – Martine Dowden		Common Data Problems Solved with Graphs Using Cosmos DB Gremlin API – Chad Green	Action & Skills - Creating a Voice – Shannon Beach
<b>Derby</b>	Understanding your brain to build better visualizations – Walt Ritscher	How the Heck Would I Integrate Serverless into My Legacy Application? – Brett Berliner	Building and Deploying the Cloud with 12 Factor Compliant Terraform – Mark Gardner	Hotness === Serverless - Learn how to harness the power of Lambda's in AWS – Derik Whittaker		From Zero to Haskell: Lessons Learned – Susan Potter	
<b>Churchill</b>	Leadership Journey: From Software Developer to Leader – Michael Eaton	TerseScript: JavaScript with 6 characters or less – Mike Hand	An Introduction To Prolog And Why You Should Care – Charlotte Shreve	Kotlin: What's in it For You – Douglas Starnes		DotNetCore Testing Made Easy with ACI (Azure Container Instances) – Matthew Burleigh	Get Func-y: Understanding Delegates in .NET – Jeremy Clark
<b>Downs</b>	Linear Scaling - Monolith to Microservices and Dataflow – Shine Garg	Deep Learning with Python & Friends – Douglas Starnes	Hey, You Got Your TDD in my SQL DB! – Jeff McKenzie	JSON Web Tokens Suck – Randall Degges		The Siren Song of Technology – Tamnay Shannon	Radical Independence: Transform Your Team with OKRs – Michael Richardson
<b>Park Suite</b>	Get to Know Webpack – Jonathan Kemp	A case study in accessibility – Sarah Higley	Building A Highly Scalable Service that Survived A Super Bowl – Keith Elder	The ASP.NET Identity Ecosystem from 35,000 feet – Ondrej Balas	Top 5 Architecture Patterns – HMB	ASP.NET Core: Ready for Primetime? – Jonathan "J." Tower	Useful Cryptography, An Introduction – Randall Degges
<b>Conference Theater</b>	Hacking Your Car - Driving Towards a smarter future – Duane Newman	Sub 1 Second Loading Websites For Real – Brian McKeiver	Forecasting financial time series with deep learning – Ahmed Firjani	Accelerating Security In A DevOps World – Deven Phillips		Serverless for Startups: Launching Apps Faster than Ever – Michael Dowden	How Functional Programming Made Me a Better Developer – Cameron Presley
<b>Keeneland</b>	People Networking 1100101 – Debbie Ryan & Jim Everett	IoT on Azure Overview – Randy Pagels	IoT on Azure Overview – Randy Pagels	Essential JWT – Todd Nussbaum	Balanced Team Approach to Development – Humana Experience Center	Deep Learning like a Viking - Building Convolutional Neural Networks with Keras – Guy Roysse	Don't Get H@ck3d – Tyler Stephenson
<b>Hialeah</b>	The Fundamental Laws of Software Development – Matthew Jones	Learning to Love the Lambda in the Stream – Richard Roda	Where The Web Is Going – Jard Faris	The Automation Firehose: Be Strategic and Tactical – Thomas Haver		A Developer's Guide To Docker – Lee Brandt	How to Automate API Testing - TDD&BDD – Pavan Yadlapalli
<b>Pimlico</b>	Make Your ASP.NET Core Application Amazingly Fast! – Mitchel Sellers	A Hero's Journey: Manual Tester to Automation QA – Alison Hawke	Place your microservices / API within the database server – Matthew Von-Maszewski	My House Runs .NET - Smart Home Automation with .NET Core and Azure – Cam Soper	Board Game Break With The Software Guild – The Software Guild	A Skeptic's Guide to Functional Style Javascript – Jonathan Mills	Building resilient mobile apps with NoSQL – Rob Hedgpath
<b>Belmont</b>	Organization and Culture: Implementing Agile with Waterfall Expectations – John Eiler	Playing with FHIR – Polina Abramov	You aren't gonna need it! – Jason McCreary	Time Management for the Distracted Developer – Matthew Jones		IP Fundamentals—Trust Me, I'm a Lawyer – Jeff Strauss	Elasticsearch for Application Performance Monitoring (APM) – Elastic
<b>Acqueduct</b>	I Told You to Stand Still ! (Motion Detection Web App with JavaScript) – Aydin Akcasu	Debugging .NET Core Applications in Production – Joe Elliott	Achieve Goals With SMART WINS – Christopher Judd	It works on my machine! – John Callaway		I suck at estimates (but I'm better than I used to be) – Mike Hand	Get Out of Your Lane! – Cassandra Faris

# Friday, August 23

	9:00 am - 10:00 am	10:15 am - 11:15 am	11:30 am - 12:30 am	12:45 pm - 1:45 pm	2:00 pm - 3:00 pm	3:15 pm - 4:15 pm	4:30 pm - 5:30 pm
<b>Regency South A</b>	Have Your Pi and Eat It Too: .NET Core on Raspberry Pi – Cam Soper	How Microsoft does DevOps – Paul Hacker	Entity Framework debugging using SQL Server: A Detective Story – Chris Woodruff	A gentle intro into NoSQL and CosmosDB for the ASP.NET/SQL Server developer – Santosh Hari	NativeScript Infinity Gauntlet : Mobile Endgame – FocusApps	Vertical Slice Architecture – Jimmy Bogard	Mobile Apps: To SQL or Not to SQL – Rob Hedgpeth
<b>Regency South B</b>	All about JWT's – Stephanie Chamblee	Hold Up, Wait a Minute, Let Me Put Some Async In It – Matthew Jones	From SMS to OTP to FIDO2 with WebAuthn: This is Modern 2FA – Ondrej Balas	A Data Access Layer You're Proud of without Entity Framework – Jonathan "J." Tower	Serverless: "WHERE'S THE COMPUTER?!!!" – Humana Experience Center	Building the Real-time Web with ASP.NET Core SignalR – Scott Addie	Vue.js: bolting on the SPA parts – Heath Murphy
<b>Oaks</b>	Automating Your Automation: The Care and Feeding of Jenkins – Jeff McKenzie	From Horror Story to Fairy Tale: Writing code people want to read – Michael Dowden	Data Science with Python & Friends – Douglas Starnes	The Sounds of Software – Brett Berliner		Tables have their place, now let's make them fit – Martine Dowden	Microservices - The Good, The Bad, and The Ugly – James Quick
<b>Derby</b>	Docker for Testers – Philip Bailey	Real-Time Data Streaming with Azure Stream Analytics – Alexander Slotte	Building a Realtime Websocket API in Phoenix – Jamie Wright	Is Machine Learning the right tool? – Brian Korzynski		Introducing Juvet: Building Bots in Elixir – Jamie Wright	The Art of Pair Programming – Todd Merritt
<b>Churchill</b>	Choosing from the many ways to Docker in Azure – Rob Richardson	What is all the fuss about GraphQL – Baskar Rao Dandlamudi	Design Systems & Pattern Libraries – Brooke Neace	Introduction to Google Cloud Platform – Latha Nallaperumal		How To Have Code Reviews Developers Actually Want – Cameron Presley	
<b>Downs</b>	Test Driven Refactoring – Jason Crist	Multithreaded JavaScript – Web Workers and Atomics – Jeff Strauss	Building Progressive Web Apps with React – Jonathan Mills	Automated Testing of ASP. Net Core – Joe Gardner		Use the Next-Generation of Speech Recognition to Enhance Your Apps – Mike Branstein	Introduction to SQL++ for Big Data: Same Language, More Power – Matthew Groves
<b>Park Suite</b>	"Criminal Minds" meets the JVM: an intro to profiling – Todd Nussbaum	nginx + Redis = Ludicrous Speed – Jason McCreary	Intro to Web Assembly and Microsoft Blazor – Phillip Jones	How Do You DevOps – Jonathan Ash	Let's Talk About JetBrains' .NET IDE Rider! – Chris Woodruff	The Operation's Burden – Dorrin Poorkay	Serverless Application Design – Mark Gardner
<b>Conference Theater</b>	Razor: Into the Razor-Verse – Ed Charbeneau	An Introduction to WebAssembly – Guy Roysel	Overcoming the Paradox of Choice when moving to the Cloud – Derik Whittaker	OAuth 2.0 and OpenID Connect In Plain English – Lee Brandt	Managing a Project with MS Teams and Planner – Partick Tucker	CMS Speed Dating – Lemon	Do you like to have a beach view from your workspace? – Baskar Rao Dandlamudi
<b>Keeneland</b>	Mentoring Panel – John Callaway & Clayton Hunt	Refactoring Your Health – David Merk & Tony Thigpen	So, Your Project Is On Fire. Again. – Ryan Albertson & Casey Albertsun	Get to Know Babel – Jonathan Kemp	Human-Centered Design: Build Products That People Really Want – Humana Experience Center	How Can I Be A Speaker Like You? - Panel Discussion – Jared Faris, Chad Green, Brooke Neace, and Baskar Rao Dandlamudi	QA on Autopilot: Approaches To Web Automation Testing With Selenium – Danie Davis & Jordan Parks
<b>Hialeah</b>	Cognitive Biases and You – Dustin Doom	Machine Learning Lite - Great Taste, Less Filling – Mike Schlegel		Agile for Remote Teams – Michael Dowden		Optimized - Building a Tech Culture for Junior Developers – Richard Teachout	Big Data and AI - Is there A creepy factor? – Richard Teachout
<b>Pimlico</b>	Why You Should Be Doing Contract First API Development – Deven Phillips	Building Great Libraries with .NET Standard – Chad Green	Building a Real App with Xamarin.Forms – Duane Newman	Continuous Delivery with Azure Pipelines – Paul Hacker	Get in the Forest – How to manage change – UPS	Kicking the Tires of Azure DevOps – Jeremy Gray	SQL Server is not an excuse to avoid DevOps – Santosh Hari
<b>Belmont</b>	DI Why? Getting a Grip on Dependency Injection – Jeremy Clark	Building a QA practice from scratch – Alison Hawke	Finding regression bugs before QA using Selenium and Azure DevOps CI – C Daniel Waddell	Peer Reviews: Live Code and Design Reviews – James Quick & Bryan Robinson			
<b>Acqueduct</b>	Introduction to Accessibility – Elizabeth Gray	Developer Version 1.0.0 – Charlotte Shreve	Magic or Pokemon Card? – Nick Branstein	Grow your own digital accessibility process – Fen Slattery		How to Win Friends and Influence...Better Developer Estimates – Brian McKeiver	Productivity Tips for the Perpetually Unproductive – Michael Eaton