



March 28, 2019 — 8:30 AM - 5:00 PM | Detroit, Michigan

# Serverless Workshop

Learn, architect, and  
develop solutions on Azure

#AzureDevDays  
for developers, by developers



Learn.  
Connect.  
Explore.

# Microsoft Technology Center

## MTC Transformation Academy Sessions

**Modern Applications:** Full-day briefings and workshops on topics related to Application Development.

• ~~Jan 30, 2019 - Azure Developer Day~~

• ~~Feb 28, 2019 - DevOps on Azure~~

• **Mar 28, 2019 - Serverless Workshop**

Apr 25, 2019 - Containers & Kubernetes on Azure

Jun 27, 2019 – IoT on Azure Workshop

**Big Data:** Full-day briefings and workshops on the design and implementation of a robust, scalable, big data platform.

**AI and Cognitive Services:** Full-day briefings and workshops on the application of AI and cognitive services for business scenarios.

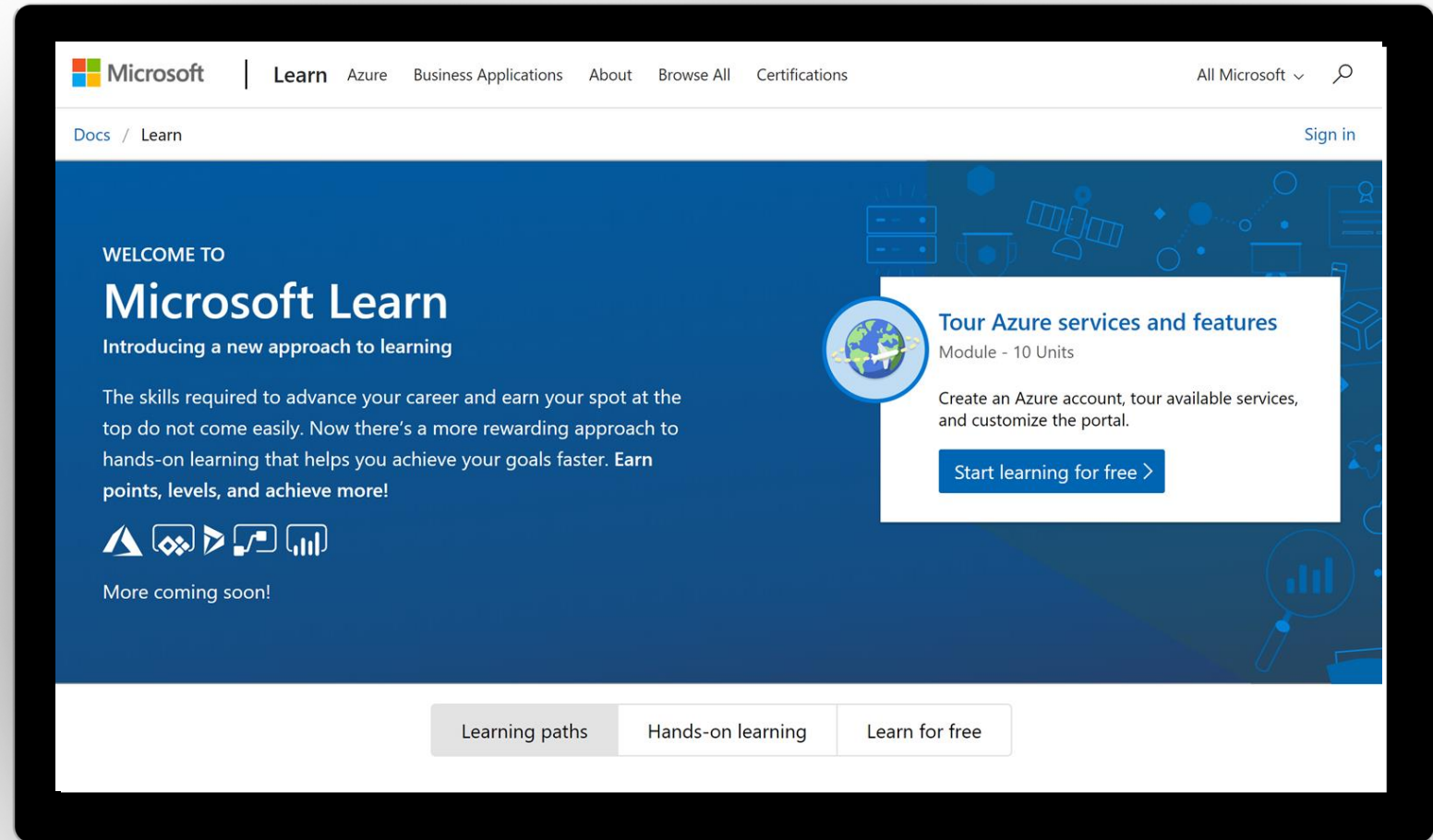
**The MTC Transformation Academy -** <https://aka.ms/mtcacademy>

# Microsoft Learn

Build your skills fast with free, interactive tutorials at Microsoft Learn

- Step-by-step training to fit your schedule
- Interactive coding environments for hands-on experience
- Earn achievements and recognition for your Azure skills
- We provide free Azure sandboxes, free virtual machines, etc. so there is nothing to setup ahead of time.

<http://www.Microsoft.com/Learn>



# Content

<https://github.com/MTCDetroit/Academy-Events>

PREVIEW

# Visual Studio 2019

- ✓ Personal and team productivity
- ✓ Modern development support
- ✓ Continuous innovation

UI Refresh & Search Improvements

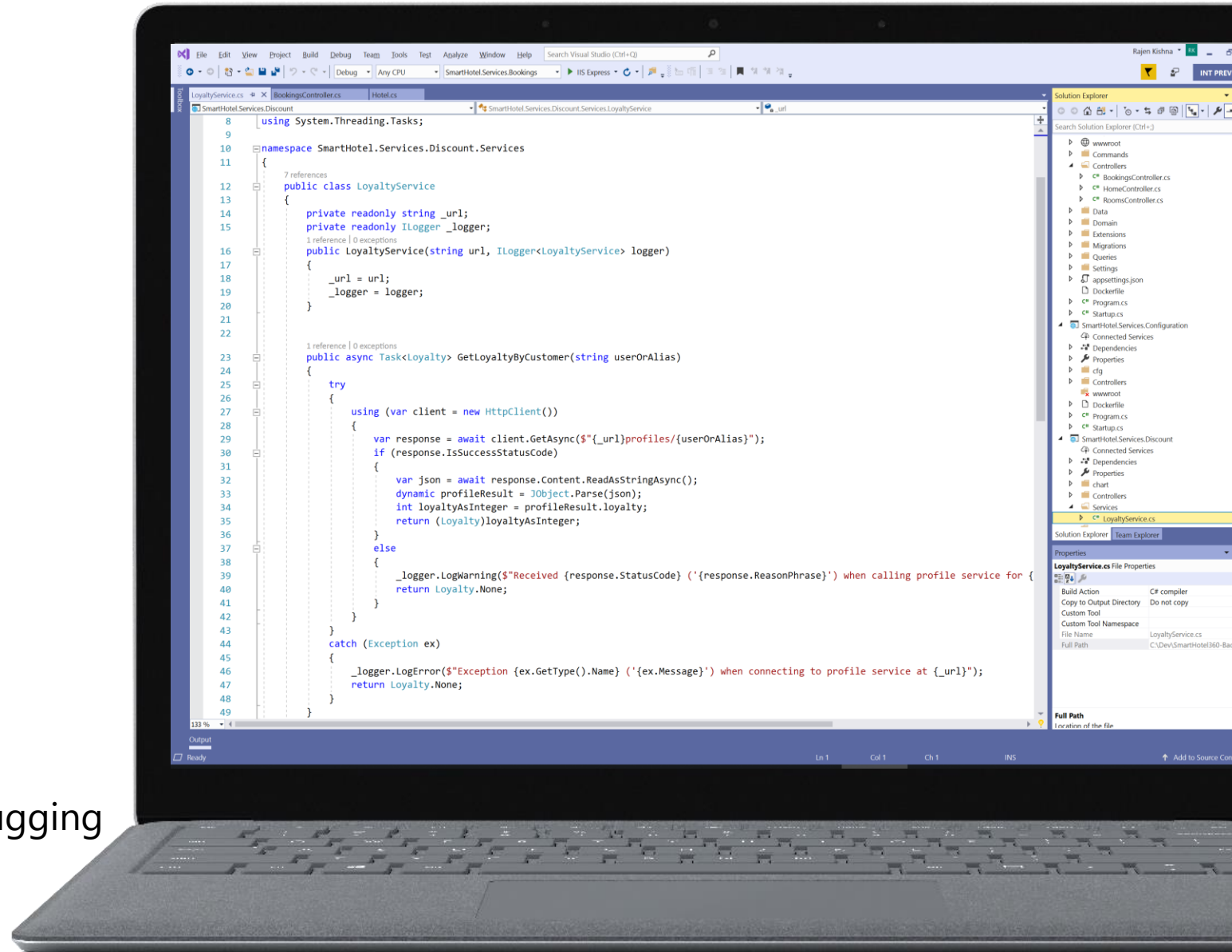
Health and Code Cleanup

Code editing with IntelliCode

Collaborate with Live Share & GitHub integration

Improve code quality with historical debugging and live unit testing

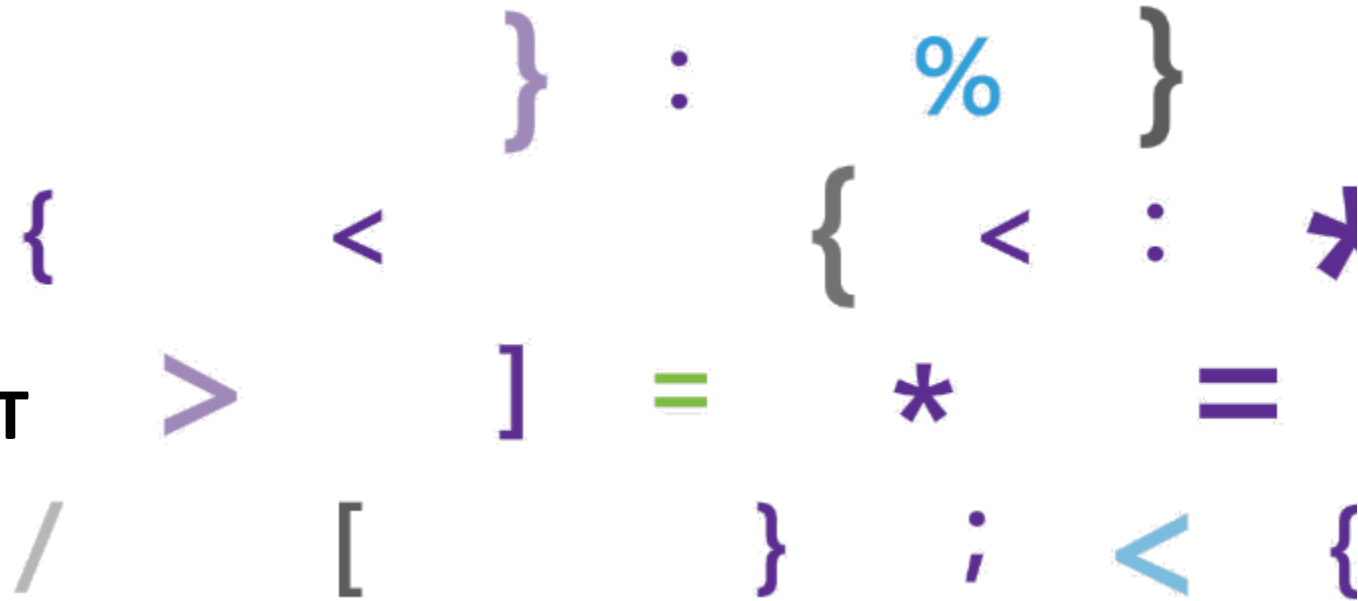
.Net Core 3



Learn More: <http://aka.ms/vs-preview>

# Visual Studio 2019 Launch Event

Tuesday April 2, 2019 | 9:00am PT



<https://launch.visualstudio.com/>

# Global DevOps Bootcamp 2019 Detroit

Microsoft Detroit  
One Campus Martius  
Suite 500  
Detroit, MI 48226

Saturday, June 15, 2019  
10:00 AM to 5:00 PM (EDT)

The Global DevOps Bootcamp takes place once  
a year on venues all over the world.



**JUNE 15, 2019**  
**Save the date!**

**Theme and agenda coming soon...**

<http://globaldevopsbootcamp.com/>

# Agenda

8:30 – 9:00 am	Check-in and Breakfast
9:00 – 9:30 am	Introduction to Serverless Computing
9:30 – 10:30 am	Azure Logic Apps
10:30 – 10:45 am	Break
10:45 – 11:45 am	Azure Functions
11:45 – 12:30 am	Lunch
12:30 – 1:30 pm	Cognitive Services
1:30 – 2:00 pm	Event Grid
2:00 – 2:45 pm	API Management
2:45 – 3:00 pm	Break
3:00 – 5:00 pm	Hands-on Labs



# Hands on Labs

Lab 1	Writing an Azure Function
Lab 2	Writing an Logic App
Lab 3	Event Grid
Lab 4	Using Azure API Management
Lab 5	Serverless Architecture Design
Lab 6	Serverless Monitoring
Lab 7	Logic Apps: Twitter Scenario
Lab 8	Logic Apps: Integration Scenario

<https://github.com/MTCDetroit/Academy-Events>

Track – App Dev | 2019.3.28 – Serverless Workshop | Labs

# Resources

- Slides, Labs, Contact Info
  - <https://github.com/MTCDetroit/Academy-Events>
- Free Azure Trial
  - <http://aka.ms/FreeAzure>
- Microsoft Technology Center Events
  - <https://aka.ms/mtcacademy>
- Azure DevOps Hands on Labs
  - <https://www.azuredevopslabs.com/>
- Team System Café
  - [www.teamssystemcafe.net/resources](http://www.teamssystemcafe.net/resources)