



A Brief Journey from Device to Action ...



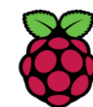
IoT Virtual Bootcamp

November
14 - 16, 2017



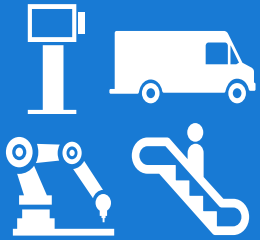
<http://aka.ms/IoTVirtualBootcamp>

Hardware Partners :



Defining Internet of Things

Things



Connectivity



Data

10101
01010
00100

Analytics



Action



Security

Manageability

Artificial Intelligence

Scalability

IoT @Edge

Cognitive

Agenda

Day 1

Topics	Time (min)
Bootcamp Opening	15
Guest Speaker - Limor Fried	45
Lecture #1 - Introduction - IoT 101	45
HO Lab #1 - Introduction to IoT Things - Build a basic device	30
Lecture #2 - Connecting your first device	30
HO Lab #2 - Connecting your first device Lab	45
<i>Rest Break</i>	30
Lecture #3 - Data Basics	30
HO Lab 3 - Data Basics - Cold Path Processing Lab	60
Lecture #4 - Taking Action & Serverless architecture	30
HO Lab 4 - Taking Action & Serverless architecture - using Azure Functions	30
Wrap up	15

Day 2

Topics	Time (min)
Opening	15
Guest Speaker - Eben Upton	45
Lecture #5a. Showcase Commercial Things in use today	45
Lecture #5b. Building Smarter Commercial grade things and need for an Operating System	45
HO Lab #5 - Build a Smarter Commercial grade thing and connect it to cloud	60
<i>Rest Break</i>	30
Lecture #6 - Cloud Deep dive - IoT Hub, Device twins & IoT edge	45
HO Lab #6 - Cloud Deep dive - Device Twin Lab	30
Lecture #7 - Introduction to Big Data, AI & ML	45
HO Lab #7 - Introduction to Big Data Data, AI & ML - Stream Analytics Lab	45
Wrap up	15

Day 3

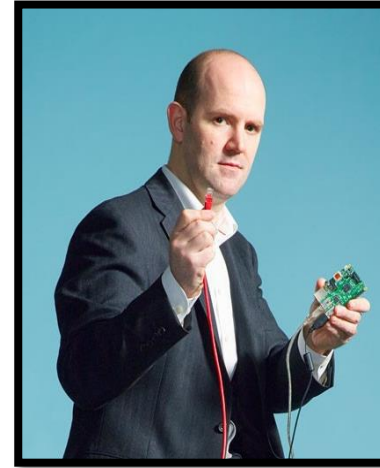
Topics	Time (min)
Opening	15
Guest Speaker - Ted Way	60
Lecture #8 - Cognitive Services	45
HO Lab # 8 - Cognitive Services Lab	60
<i>Rest Break</i>	30
Lecture #9 - BOT Framework (Level 100)	45
HOL #9 - Build a chatbot	60
Lecture #10 - IoT Accelerate to Market with IoT Suite for top 3	45
Q&A Time / Key Takeaways Revisited	45
Wrap up	15

Microsoft IoT Bootcamp Speakers

Guest Speakers



[Limor Fried](#),
CEO, Adafruit
Industries



[Eben Upton](#)
Founder, Raspberry
PI



[Ted Way](#)
AI & Research,
Microsoft

Bootcamp Lead Trainers



[Kevin Saye](#)
Cloud Solution Architect,
Microsoft



[Maarten Struys](#),
IoT Design In Strategist,
Microsoft



[Chris Segura](#)
Windows Azure IoT,
Microsoft

Our Support Team



Michael King
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Ken Marlin
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Tim Graves
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Kijo Kim
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Harold Pulcher
Improving



Kent Stroker
Microsoft



Kevin Saye
Microsoft



Martin Grossen
Avnet Silica



Adam Benzion
Hackster.io



Gordon Smith
Microsoft



Maarten Struys
Microsoft



Andrea Gallagher
Microsoft

Housekeeping

- ❑ Read instruction on <http://aka.ms/IoTVirtualBootcamp>
- ❑ Access through Skype broadcast (browser) / best resolution?
- ❑ Use integrated Q&A panel
- ❑ Detailed technical help virtualbootcamphelp@Microsoft.com
- ❑ Download labs @ (Decks available post event)
- ❑ Survey and Quiz published through Q&A panel
- ❑ See Recoding's @ Registration page above



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