

IoT with python and Raspberry Pi

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Instructor



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Why would I do IoT?

- Its for everybody!
- Started just for fun
- Some serious experimentation
- Making scientific instruments
- Internet control gives multi-functionality to experiments

Outline of workshop

- ① Introduction to Raspberry Pi (30 Minutes)
 - Various parts
 - Installing OS
- ② Accessing GPIO pins (30 minutes)
 - Writing to GPIO pins
 - Reading from GPIO pins
- ③ IoT with RPi (30 minutes)
 - Running RPi headless
 - Adding sensors
 - Interacting with data generated using IoT device

title

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