Getting Started with Intel Edison: Sensors, Actuators, Bluetooth, and Wi-Fi on the Tiny Atom-Powered Linux Module (Make : Technology on Your Time)

By Stephanie Moyerman

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The Intel Edison is a crowning achievement of Intel's adaptation of its technology into maker-friendly products. They've packed the dual-core power of the Atom CPU, combined it with a sideboard microcontroller brain, and added in Wi-Fi, Bluetooth Low Energy, and a generous amount of RAM (1GB) and flash storage (4GB). This book, written by Stephanie Moyerman, a research scientist with Intel's Smart Device Innovation Team, teaches you everything you need to know to get started making things with Edison, the compact and powerful Internet of Things platform.

Projects and tutorials include:

- Controlling devices over Bluetooth
- Using Python and Arduino programming environments on Edison
- Tracking objects with a webcam and OpenCV
- Responding to voice commands and talking back
- Using and configuring Linux on Edison

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Editorial Review

About the Author

Stephanie Moyerman is a research scientist in the New Devices Group at Intel Corp. Her work focuses on innovation and proof of concept demonstrations for wearable technology. She graduated with a PhD in astrophysics from the University of California, San Diego in 2013. Before that, she attended Harvey Mudd College and received dual B.S. degrees in math and physics.

Outside of work Stephanie's favorite activity is judo. She's been a junior and collegiate national champion and has been ranked as high as #5 in the United States. She also enjoys surfing, wakeboarding, running, glass blowing, spoiling her dog, and - of course - making.

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