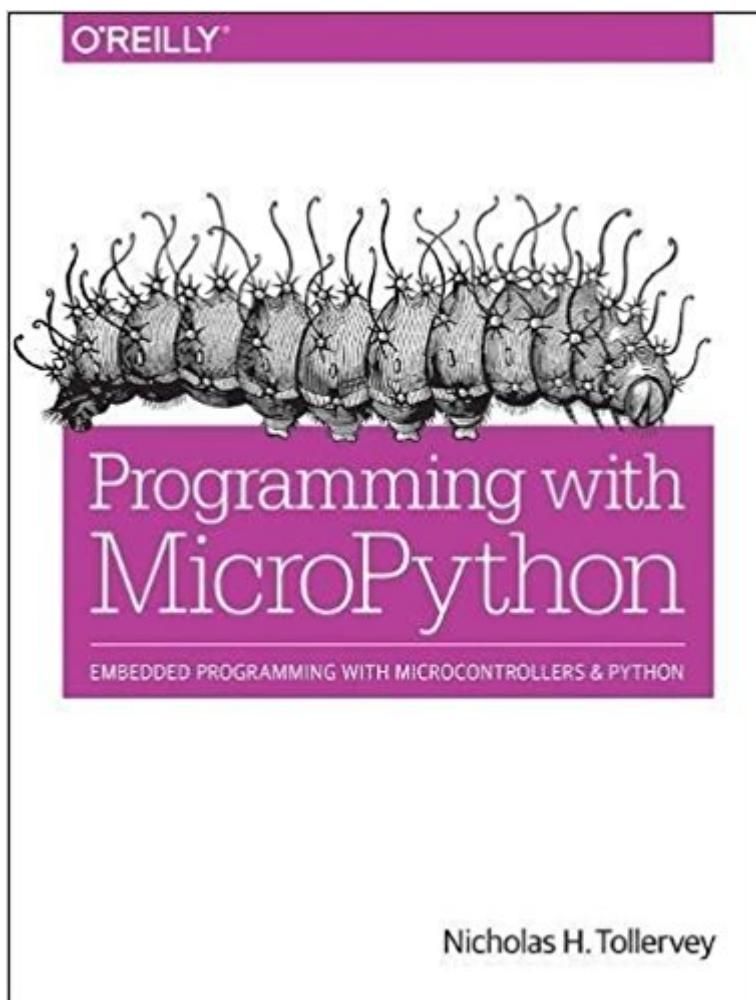The book was found

Programming With MicroPython: Embedded Programming With Microcontrollers And Python

Synopsis

ItÃ¢ ¬â„¢s an exciting time to get involved with MicroPython, the re-implementation of Python 3 for microcontrollers and embedded systems. This practical guide delivers the knowledge you need to roll up your sleeves and create exceptional embedded projects with this lean and efficient programming language. If youÃ¢ ¬â„¢re familiar with Python as a programmer, educator, or maker, youÃ¢ ¬â„¢re ready to learnÃ¢ ¬â •and have fun along the way.Author Nicholas Tollervey takes you on a journey from first steps to advanced projects. YouÃ¢ ¬â„¢ll explore the types of devices that run MicroPython, and examine how the language uses and interacts with hardware to process input, connect to the outside world, communicate wirelessly, make sounds and music, and drive robotics projects.Work with MicroPython on four typical devices: PyBoard, the micro:bit, AdafruitÃ¢ ¬â„¢s Circuit Playground Express, and ESP8266/ESP32 boardsExplore a framework that helps you generate, evaluate, and evolve embedded projects that solve real problemsDive into practical MicroPython examples: visual feedback, input and sensing, GPIO, networking, sound and music, and roboticsLearn how idiomatic MicroPython helps you express a lot with the minimum of resourcesTake the next step by getting involved with the Python community

Book Information

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Customer Reviews

Nicholas is a classically trained musician, philosophy graduate, teacher, writer and software developer. He's just like this biography: concise, honest and full of useful information.

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