

Raspberry Pi Electronics Projects for the Evil Genius

By Donald Norris



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Ten brand new, hands-on DIY projects for the Raspberry Pi!

This fully illustrated guide shows how to create all kinds of entertaining and practical gadgets with the Raspberry Pi. Raspberry Pi Electronics Projects for the Evil Genius features ten fun DIY projects that showcase the RasPi's applications in computing, communications, robotics, photography, and video.

Each Evil Genius project includes a detailed list of materials, sources for parts, schematics, and clear, step-by-step assembly and programming instructions. Readers will get up and running right away by learning how to program a touchscreen, interface with an Arduino processor, build a fully working cell phone?even build a super computer using a cluster of RasPis! Advanced projects include a Software Defined Radio, BrickPi robot controller, robotic arm, point-and-shoot camera, and a complete infrared surveillance system.

- Covers all RasPi models, including the latest A+, B+ and B model 2 units
- Features C, Java, and Python programming techniques
- Software downloads available through mhprofessional.com



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Editorial Review

About the Author

Donald Norris is an experienced engineer and adjunct professor at Southern New Hampshire University. He is the author of *Programming the Intel Edison: Getting Started with Processing and Python, Raspberry Pi Projects for the Evil Genius, Build Your Own Quadcopter: Power Up Your Designs with the Parallax Elev-8,* and *The Internet of Things: Do-It-Yourself at Home Projects for Arduino, Raspberry Pi and BeagleBone Black.*

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