TECHNOLOGY IN ACTION™

Beginning Artificial Intelligence with the Raspberry Pi

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D.J. **Norris**

Beginning Artificial Intelligence with the Raspberry Pi

► **Highly readable introduction to AI—most AI books are either graduate level texts or very specific and slated to a niche market.**
► **Gain a good handle of AI using the Raspberry Pi**
► **Create an actual and successful AI project using the Raspberry Pi**

Gain a gentle introduction to the world of Artificial Intelligence (AI) using the Raspberry Pi as the computing platform. Most of the major AI topics will be explored, including expert systems, machine learning both shallow and deep, fuzzy logic control, and more!

AI in action will be demonstrated using the Python language on the Raspberry Pi. The Prolog language will also be introduced and used to demonstrate fundamental AI concepts. In addition, the Wolfram language will be used as part of the deep machine learning demonstrations.

A series of projects will walk you through how to implement AI concepts with the Raspberry Pi. Minimal expense is needed for the projects as only a few sensors and actuators will be required. Beginners and hobbyists can jump right in to creating AI projects with the Raspberry PI using this book.