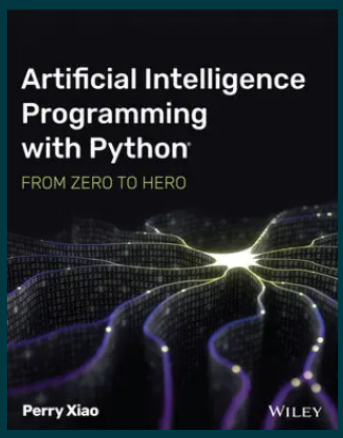
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eBook - Artificial Intelligence Programming with Python : From Zero to Hero

By Perry Xiao

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Description

In Practical Artificial Intelligence Programming with Python: From Zero to Hero, veteran educator and photophysicist Dr. Perry Xiao delivers a thorough introduction to one of the most exciting areas of computer science in modern history. The book demystifies artificial intelligence and teaches readers its fundamentals from scratch in simple and plain language and with illustrative code examples.

Divided into three parts, the author explains artificial intelligence generally, machine learning, and deep learning. It tackles a wide variety of useful topics, from classification and regression in machine learning to generative adversarial networks. He also includes:

- Fulsome introductions to MATLAB, Python, AI, machine learning, and deep learning
- Expansive discussions on supervised and unsupervised machine learning, as well as semi-supervised learning
- Practical AI and Python “cheat sheet” quick references

About the Author

Perry Xiao

PERRY XIAO, PhD, is Professor and Course Director of London South Bank University. He holds his doctorate in photophysics and is Director and co-Founder of Biox Systems Ltd., a university spin-out company that designs and manufactures the AquaFlux and Epsilon Permittivity Imaging system.

Table of Contents

Part I Introduction

Chapter 1 Introduction to AI

Chapter 2 AI Development Tools

Part II Machine Learning and Deep Learning

Chapter 3 Machine Learning

Chapter 4 Deep Learning

Part III AI Applications

Chapter 5 Image Classification

Chapter 6 Face Detection and Face Recognition

Chapter 7 Object Detections and Image Segmentations

Chapter 8 Pose Detection

Chapter 9 GAN and Neural-Style Transfer

Chapter 10 Natural Language Processing

Chapter 11 Data Analysis

Chapter 12 Advanced AI Computing

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