# Computer Vision with Python 3 (Paperback)

By Saurabh Kapur

Packt Publishing Limited, United Kingdom, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Unleash the power of computer vision with Python to carry out image processing and computer vision techniques About This Book * Learn how to build a full-fledged image processing application using free tools and libraries * Perform basic to advanced image and video stream processing with OpenCV s Python APIs * Understand and optimize various features of OpenCV with the help of easy-to-grasp examples Who This Book Is For This book is for Python developers who want to perform image processing. It s ideal for those who want to explore the field of computer vision, and design and develop computer vision applications using Python. The reader is expected to have basic knowledge of Python. What You Will Learn * Working with open source libraries such Pillow, Scikit-image, and OpenCV * Writing programs such as edge detection, color processing, image feature extraction, and more * Implementing feature detection algorithms like LBP and ORB * Tracking objects using an external camera or a video file * Optical Character Recognition using Machine Learning. * Understanding Convolutional Neural Networks to learn patterns in images *...

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