



## OpenCV with Python Blueprints

By Michael Beyeler

Packt Publishing Limited, United Kingdom, 2015. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Design and develop advanced computer vision projects using OpenCV with Python About This Book \* Program advanced computer vision applications in Python using different features of the OpenCV library \* Practical end-to-end project covering an important computer vision problem \* All projects in the book include a step-by-step guide to create computer vision applications Who This Book Is For This book is for intermediate users of OpenCV who aim to master their skills by developing advanced practical applications. Readers are expected to be familiar with OpenCV's concepts and Python libraries. Basic knowledge of Python programming is expected and assumed. What You Will Learn \* Generate real-time visual effects using different filters and image manipulation techniques such as dodging and burning \* Recognize hand gestures in real time and perform hand-shape analysis based on the output of a Microsoft Kinect sensor \* Learn feature extraction and feature matching for tracking arbitrary objects of interest \* Reconstruct a 3D real-world scene from 2D camera motion and common camera reprojection techniques \* Track visually salient objects by searching...



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