OpenCV Computer Vision with Python

By Joseph Howse

Packt Publishing. Paperback. Book Condition: New. Paperback. 122 pages. Dimensions: 9.2in. x 7.4in. x 0.4in.Learn to capture videos, manipulate images, and track objects with Python using the OpenCV Library Overview Set up OpenCV, its Python bindings, and optional Kinect drivers on Windows, Mac or Ubuntu Create an application that tracks and manipulates faces Identify face regions using normal color images and depth images In Detail Computer Vision can reach consumers in various contexts via webcams, camera phones and gaming sensors like Kinect. OpenCVs Python bindings can help developers meet these consumer demands for applications that capture images, change their appearance and extract information from them, in a high-level language and in a standardized data format that is interoperable with scientific libraries such as NumPy and SciPy. OpenCV Computer Vision with Python is a practical, hands-on guide that covers the fundamental tasks of computer visioncapturing, filtering and analyzing imageswith step-by-step instructions for writing both an application and reusable library classes. OpenCV Computer Vision with Python shows you how to use the Python bindings for OpenCV. By following clear and concise examples you will develop a computer vision application that tracks faces in live video and applies special effects to them. If...

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