OpenCV for Secret Agents

Von Joseph Howse
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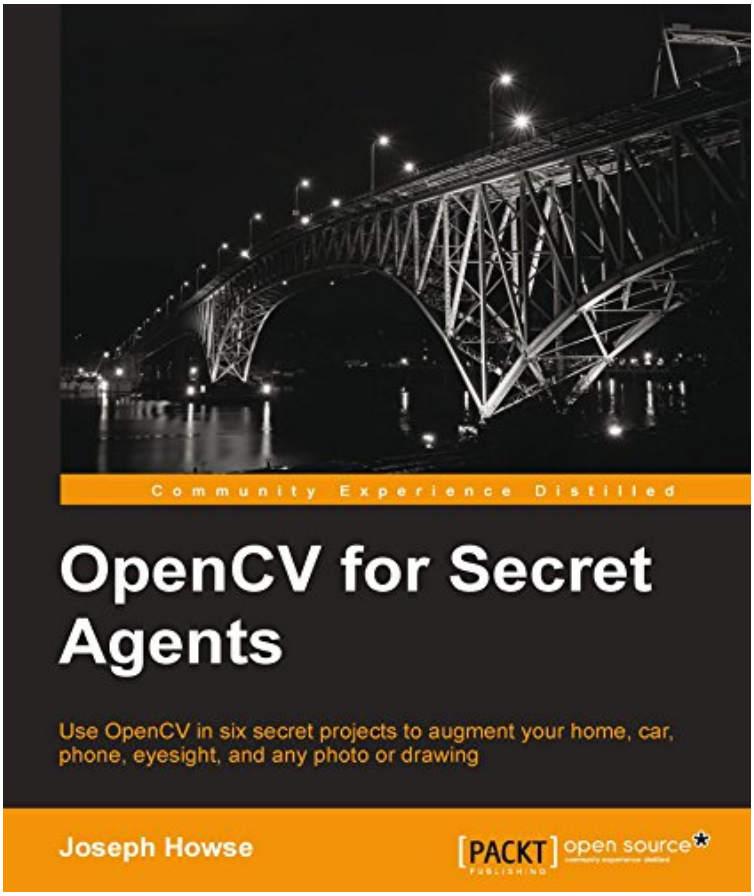

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Von Joseph Howse : OpenCV for Secret Agents before purchasing it in order to gage whether or not it would be worth my time, and all praised OpenCV for Secret Agents:

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KurzbeschreibungUse OpenCV in six secret projects to augment your home, car, phone, eyesight, and any photo or drawingAbout This BookBuild OpenCV apps for the desktop, the Raspberry Pi, Android, and the Unity game engineLearn real-time techniques that can be used to classify images, detecting and recognizing any person or animal, and studying motion and distance with superhuman precisionDesign hands-free interfaces that are practical in home

automation, in cars, and in discrete surveillanceWho This Book Is ForThis book is for programmers who want to expand their skills by building fun, smart, and useful systems with OpenCV. The projects are ideal in helping you to think creatively about the uses of computer vision, natural user interfaces, and ubiquitous computers (in your home, car, and hand).What You Will LearnInstall OpenCV, a Python development environment, and an Android development environment on Windows, Mac, or Linux and install a Unity development environment on Windows or MacGet to grips with motion detection and gesture recognition as a means of controlling a guessing game on a smartphoneDetect car headlights, estimate distances to them, and provide feedback to the driverSpot and recognize human faces and cat faces as a means of controlling an alarmAmplify motion in real-time video so that a person's heartbeat and breathing become clearly visibleDraw a ball-in-a-maze puzzle on paper and see it come to life as a physics simulation on a smartphoneIntegrate OpenCV with other libraries, as well as popular frameworks for GUI apps and gamesIn DetailOpenCV is a grand collection of image processing functions and computer vision algorithms. It is open source, it supports many programming languages and platforms, and it is fast enough for many real-time applications. What a lot of gadgets we can build with such a handy library!Taking inspiration from the world of James Bond, this book adds a spark of adventure and computer vision to your daily routine. Protect your home and car with intelligent camera systems that analyze people, cats, and obstacles. Let your search engine praise or criticize the images that it finds. Hear a voice from your phone that responds to your body language. Attune yourself to another person's rhythm by glancing at a display that magnifies a heartbeat or a breath. Learn OpenCV and see your world as never before.KurzbeschreibungUse OpenCV in six secret projects to augment your home, car, phone, eyesight, and any photo or drawingAbout This BookBuild OpenCV apps for the desktop, the Raspberry Pi, Android, and the Unity game engineLearn real-time techniques that can be used to classify images, detecting and recognizing any person or animal, and studying motion and distance with superhuman precisionDesign hands-free interfaces that are practical in home automation, in cars, and in discrete surveillanceWho This Book Is ForThis book is for programmers who want to expand their skills by building fun, smart, and useful systems with OpenCV. The projects are ideal in helping you to think creatively about the uses of computer vision, natural user interfaces, and ubiquitous computers (in your home, car, and hand).What You Will LearnInstall OpenCV, a Python development environment, and an Android development environment on Windows, Mac, or Linux and install a Unity development environment on Windows or MacGet to grips with motion detection and gesture recognition as a means of controlling a guessing game on a smartphoneDetect car headlights, estimate distances to them, and provide feedback to the driverSpot and recognize human faces and cat faces as a means of controlling an alarmAmplify motion in real-time video so that a person's heartbeat and breathing become clearly visibleDraw a ball-in-a-maze puzzle on paper and see it come to life as a physics simulation on a smartphoneIntegrate OpenCV with other libraries, as well as popular frameworks for GUI apps and gamesIn DetailOpenCV is a grand collection of image processing functions and computer vision algorithms. It is open source, it supports many programming languages and platforms, and it is fast enough for many real-time applications. What a lot of gadgets we can build with such a handy library!Taking inspiration from the world of James Bond, this book adds a spark of adventure and computer vision to your daily routine. Protect your home and car with intelligent camera systems that analyze people, cats, and obstacles. Let your search engine praise or criticize the images that it finds. Hear a voice from your phone that responds to your body language. Attune yourself to another person's rhythm by glancing at a display that magnifies a heartbeat or a breath. Learn OpenCV and see your world as never before.ber den Autor und weitere MitwirkendeJoseph Howse Joseph Howse has four first-rate cats; yet, if his books sell well, he could build a menagerie fit for a pharaoh. OpenCV for Secret Agents is Joseph's third book, following OpenCV Computer Vision with Python and Android Application Programming with OpenCV. When not writing books or grooming cats, Joseph is working to grow the augmented reality industry by providing software development and training services through his company, Nummist Media (http://nummist.com).