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Instant OpenCV Starter

Jayneil Dalal, Sohil Patel

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In Detail

In the digital age of image and video sharing, the need for computer vision is at an all time high. Take a look around you and you will see that computer vision is being implemented everywhere. It is being used in automobiles, social networking sites, and in various other fields such as medical science, robotics, security, home automation, and so on. This is where OpenCV comes into the picture. OpenCV is the world's most popular open source computer vision library with more than 500 optimized algorithms for image and video analysis.

Instant OpenCV Starter is a practical, hands-on guide that will help you understand the importance of computer vision in real life as well as the various different functions of the OpenCV library via small programming projects with simple, detailed explanations.

This book helps beginners quickly learn OpenCV to implement various computer vision related tasks. You will first understand the importance and applications of computer vision in real life. After that, you will learn how to set up OpenCV, followed by a series of practical programming projects to get you familiar with various functions in the OpenCV library.

The book will also focus on the usage of OpenCV in a few awesome projects such as detecting boundaries in a given image, hiding an image in a different image to transmit secret information (known as image steganography) as well as do real-time video processing.

Instant OpenCV Starter will teach you how to install and use the OpenCV library for various simple computer vision related tasks.

Approach

Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks.A practical, quick, and hands-on guide for Python developers and hobbyists who want to get started with computer vision with OpenCV.

Who this book is for

This book is great for developers, hobbyists, and students new to computer vision who are looking to get a good grounding in how to use the OpenCV library. It’s assumed that you will have some basic experience in C/C++ programming.

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From reader reviews:

Jennifer Phinney:

Spent a free time for you to be fun activity to complete! A lot of people spent their free time with their family, or their own friends. Usually they undertaking activity like watching television, planning to beach, or picnic from the park. They actually doing same every week. Do you feel it? Would you like to something different to fill your own free time/ holiday? May be reading a book could be option to fill your totally free time/ holiday. The first thing that you will ask may be what kinds of e-book that you should read. If you want to try out look for book, may be the book untitled Instant OpenCV Starter can be excellent book to read. May be it can be best activity to you.

Margarito Rone:

In this age globalization it is important to someone to find information. The information will make someone to understand the condition of the world. The condition of the world makes the information better to share. You can find a lot of references to get information example: internet, paper, book, and soon. You will observe that now, a lot of publisher that print many kinds of book. The particular book that recommended to your account is Instant OpenCV Starter this reserve consist a lot of the information with the condition of this world now. That book was represented how do the world has grown up. The terminology styles that writer value to explain it is easy to understand. The writer made some analysis when he makes this book. Honestly, that is why this book acceptable all of you.

Eric Beasley:

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Sandra Romero:

On this era which is the greater man or woman or who has ability to do something more are more treasured than other. Do you want to become considered one of it? It is just simple strategy to have that. What you have to do is just spending your time not much but quite enough to get a look at some books. One of many books in the top checklist in your reading list is usually Instant OpenCV Starter. This book that is certainly qualified as The Hungry Slopes can get you closer in becoming precious person. By looking way up and review this e-book you can get many advantages.

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