Mindluster Platform

About the course Computer Vision with OpenCV and CUDA

CUDA and the GPU allow the faster training of deep neural networks and other deep-learning algorithms; this has transformed research in computer vision. NVIDIA is developing several hardware platforms such as Jetson TX1, Jetson TX2, and Jetson TK1, which can accelerate computer vision applications .

Programming Category's Courses

Course Lesson(10)

Lesson 1 : **1 Introducing CUDA and Getting Started with CUDA**

Lesson 2 : **2 Parallel Programming using CUDA C**

Lesson 3 : **3 Threads Synchronization and Memory**

Lesson 4 : **4 Advanced Concepts in CUDA**

Lesson 5 : **5 Getting Started with OpenCV with CUDA Support**

Lesson 6 : **6 Basic Computer Vision Operations Using OpenCV and CUDA**

Lesson 7 : **7 Object Detection and Tracking Using OpenCV and CUDA**

Lesson 8 : **9 Deploying Computer Vision Applications on Jetson TX1**

Lesson 9 : **11 Working with PyCUDA**

Lesson 10 : **12 Basic Computer Vision Applications Using PyCUDA**

Related courses

React Projects Workshops

Node js back end JavaScript

Python programming language

Social Network Theme UI With Sass

Full Stack React Django

Build a Node js App With Sequelize

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