Computer Vision Crash Course

Our Computer Vision Crash Course is perfect for learners, practitioners, and researchers who have little or no experience with computer vision. In this course, you'll learn the fundamentals of computer vision with a focus on the mathematical and physical foundations of vision. With the potential to succeed in the booming field of computer vision, which is predicted to grow in importance in the next decades, you'll gain a solid understanding of the field and be ready to tackle more advanced topics. To get started, you'll need a basic knowledge of Python programming, a system with a stable internet connection, and your dedication. Our curriculum covers various topics like CNN architectures, classification, and advanced computer vision topics like transfer learning, Lenet, Alexnet, VGG16/19 architecture understanding, and implementation of VGG16 on dogs and cats images in Tensorflow 2.x. We'll also delve into object detection, Faster RCNN architecture, Yolo architecture, SSD, Mask RCNN and Tracking theory, and GAN. By the end of this course, you'll be equipped with all the knowledge and skills needed to take on the field of computer vision. So, sign up today and get started!

Instructors:

Sudhanshu Kumar:

Having 8+ years of experience in Big data, Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

• linkedin: https://www.linkedin.com/in/-sudhanshu-kumar/
• youtube: https://www.youtube.com/c/sudhanshukumarall

Curriculum:

•Fundamentals of Computer Vision

•CNN architectures, Classification

•Various architecture usages with Computer Vision for advanced level works

Requirements:

• Basic knowledge of Python programming

• A system with stable internet connection

• Your dedication