



Computer Vision AI - Face Recognition, Self-driving Car Perception and Beyond (E3AIG002T)

Introduction

Humans perceive and understand the world by eyes in our daily life. Computers “see” the world by cameras. Computer vision (CV) artificial intelligence (AI) aims at understanding daily photos or videos as humans do. One of the most widely used CV techniques is face recognition, where the computers are required to recognise human faces. For self-driving cars, perceiving the surrounding environment around the vehicle by computers is also paramount for achieving self-driving. The CV AI algorithms evolve rapidly year by year to be more intelligent. In this talk, we will introduce advances in CV AI that leads to face recognition, self-driving car perception, and many other areas that make our computers smarter.

The speaker, Prof Hongsheng Li, is an assistant professor in the Department of Electronic Engineering at the Chinese University of Hong Kong (CUHK). He received the doctorate degree in Computer Science from Lehigh University, United States in 2012. He has published over 40 papers in top CV conferences, CVPR/ICCV/ECCV. He won the first place in Object Detection from Videos (VID) track of ImageNet challenge 2016 as the team leader and 2015 as a team co-leader. His research interests include CV, machine learning, and medical image analysis. This talk is co-organised with Department of Electronic Engineering, CUHK.

Programme Type

Artificial Intelligence Talk (Level III) ([NON Token-required](#))

Speaker

Prof Hongsheng Li
(Assistant Professor, Department of Electronic Engineering, The Chinese University of Hong Kong)

Target Participants

- S1 – S6 HKAGE student members only in 2020/21 school year
- Class size: 50
- * *First-come, first-served*

This programme is the same as Introductory Talk in Technology: Computer Vision AI - Face Recognition, Self-driving Car Perception and Beyond (TECT1462) in 2019/20 school year.

Language

English

Application Deadline **23 November 2020, 12:00 n.n**

Schedule

Date	16 Jan 2021 (Saturday)
Time	2:30 p.m. - 4:00 p.m. (Please arrive at 2:15 p.m. for registration)
Venue	Online Talk (Zoom Meeting)

Enquiries

For enquiries, please contact Academic Programme Development Division on 3940 0101 after language selection, press "1".