香 港 資 優 教 育 學 苑
The Hong Kong Academy for Gifted Education

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

(TECT1462)

Introduction	Humans perceive and understand the world by eyes in our daily life. Computers "see" the world by cameras. Computer vision 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 recognize human faces. For self-driving cars, perceiving the surrounding environment around the vehicle by computers is also paramount for achieving self-driving. The computer vision AI algorithms evolve rapidly year by year to be more intelligent. In this talk, we will introduce advances in computer vision 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. He received the doctorate degree in Computer Science from Lehigh University, United States in 2012. He has published over 40 papers in top computer vision 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 computer vision, machine learning, and medical image analysis. This talk is co-organized with Department of Electronic Engineering, CUHK.
Programme Type	Introductory Talk in Technology (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 ➢ Class size: 50 * *First-come, first-served*
Language	English
Application Deadline	~~1 Jun 2020, 12:00 n.n.~~ **8 Jun 2020, 12:00 n.n.**
Schedule	Date: 13 Jun 2020 (Saturday) Time: 2:30 p.m. - 4:00 p.m. Venue: **Online** Talk (Details will be sent to the applicants via email)
Enquiries	For enquiries, please contact us at 3940 0101 after language selection, press "1".