When Deep Learning Meets Computer Vision

Prof. Chih-Yang Lin

Abstract

In the past, the idea of smart computers learning and doing things seemed like something from a science fiction novel. But now, AI is everywhere in our lives. Smart robots and automation in industries are improving as we speak. Better healthcare and discovering new medicine are attributed to the advancement in AI. Stock market trading is getting more competitive as every second counts, and AI can find out the moment to trade your shares. These are only a few examples of AI, and AI is all around us, and it will continue to advance and improve our lives.

In this speech, I will share some of my research topics in Computer Vision. As of now, Computer Vision focuses mostly on deep learning techniques since they are relatively easy to understand and have successfully solved many difficult problems. This speech will show you how useful these applications are in our daily lives.