Project 5: iFindyou

While CCTV is important and helps in crime investigation. But often, we are unable to identify a suspect from the recorded CCTV video due to various conditions such as lighting, camera setting, bad weather, etc... We recently witness several crime cases were concluded with the help from Social media information that someone posted which is relevant to the suspect or event. This help police tracked down the cases.

This project aims to investigate the correlation of the events detected from CCTV and the events discovered from Social media (Twitter, Facebook, blogs, Web sites, etc). The goal is to develop a general framework that can detect or predict the events of interest as soon as possible. The events might range from possible crime cases (murder, kill, missing persons, etc) to lost bags/objects, or current sales promotions.

Basic requirements: Skill in C/C++, Mathlab, some knowledge on Image processing, Machine Learning and text processing tools.