UCSD ECE Summer Workshop

**Intro to OpenCV**

# Where & When

**August 25 & 27, 7-9pm** @ **Jacobs Hall 4309**

# What

OpenCV (Open Source Computer Vision) is a library of programming functions mainly aimed at real-time computer vision. It has been used in many applications which includes facial recognition system, gesture recognition, mobile robotics, stereo vision and augmented reality.

The workshop is aimed at people with some programming knowledge, but not necessarily any computer vision knowledge. We will cover:

* how to install and set up the Open Computer Vision toolkit;
* computer vision algorithms: Image Features/Background Subtraction/Tracking;
* Face recognition with OpenCV;

# Instructor

Dr. Jianfeng(Jeff) Ren  
Staff Engineer, Multimedia R&D Qualcomm Inc

Jianfeng(Jeff) received his PhD from EE Department in the University of Texas at Dallas in 2009. He has delivered several commercial computer vision/machine learning related demos, such as hand gesture and traffic sign recognition system. And he has lots of hands on experience on embedded multimedia such as camera, video and graphics. His research interests include real-time embedded computer vision and machine learning on Advanced Driver Assist System and Surveillance Tracking, etc. He has published the 30+ papers in top conferences and journals.

# Registration

[www.safdsfsdf](http://www.safdsfsdf) (we are working on the website and will fill it in later).