

Michael Kevin Lo

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Current Address: 330 De Neve Dr., SV-A6 205B, Los Angeles, CA 90024

OBJECTIVE Interested in research and/or embedded systems related product development

EDUCATION **B.S., Computer Science and Engineering**, expected June 2018
University of California Los Angeles, Los Angeles, CA
GPA: 3.251

RELEVANT EXPERIENCES **Part Time System Engineer at Applied Materials**, Santa Clara, CA
June 2016 – *present*

- Worked with other engineers to determine patterns of failure
- Helped in the hardware design of the system
- Designed automated testing system for quality assurance
- Wrote proof of concept test code

Project Leader for Smart Parking System, High Speed Electronics Lab – UCLA, Los Angeles, CA

January 2015 – June 2016

- Teamed with 4 postdoc and graduate researchers to compete in 2015 UCLA Code for the Mission Research: Promoting Culture of Sustainability
- Built and tested low powered parking sensors made from Arduinos.
- Designed, implemented, and tested Android application for the everyday driver.
- Designed and programmed a scalable Java server to process and inform users of parking spots.
- Demonstrated successfully system functionalities and won first place with a prize of \$5000.

Undergraduate Researcher, Ozcan Research Group, UCLA, Los Angeles, CA
October 2016 – *present*

Undergraduate Research Assistant, High Speed Electronics Lab – UCLA, Los Angeles, CA

June – August 2013 and June 2014 – June 2016

- Helped write graphical user interfaces that displayed the outputs from image processing chips for 2 postdoc researchers

PROJECTS Desktop GUI for UCLA website

- Basic login and grade puller using JavaFX

FPGA Programmed Game

- Player versus player space invaders inspired game

Basic Image Processing

- Basic image processing done with OpenCV(java version)
 - Contrast and brightness adjustment
- Image fed from a raspberry pi setup

PROGRAMMING LANGUAGES

C++/C (Primary)
Java (Secondary)
Verilog

PLATFORMS **Arduino** (Primary)
JavaFX (Secondary)
Android SDK
Xilinx ISE

RELATIVE COURSES CS 118 Computer Network Fundamentals – Current
CS 180 Introduction to Algorithms and Complexity – Current
CS 111 Operating System Principles – Spring 2016
CS M152A Introduction to Digital Design Laboratory – Spring 2016