# ANTHONY MIRAND-VIDAURRE

www.anthonymirand.com
anthony.mirand@ucla.edu
(562) 310-0921

Permanent Address
3236 San Anseline Avenue
Long Beach, CA 90808

Campus Address
330 De Neve Drive
Los Angeles, CA 90024

## EDUCATION

***University of California, Los Angeles***
Pursuing a B.S. in Computer Science and Engineering (Minor in Mathematics) GPA: 3.24/4.00
Expected Graduation Date: June 2018

***Coursework to be Completed by June 2016:*** Computer Organization; Software Construction Laboratory; Logic Design of Digital Systems; Operating Systems Principles; Digital Design Laboratory; Linear Algebra and Applications; Discrete Structures; Differential Equations

## SPECIAL SKILLS

**Operating Systems**: Mac, Windows, Linux
**Programming Languages**: C++, C, Python, Java, HTML/CSS, JavaScript, PHP
**Tools**: Vim, Emacs, Git, XCode, Visual Studio
**Electronic Skills**: Soldering, Wiring Circuits, Breadboarding

## EXPERIENCE

***Computer Science Instructor*** September 2015 – Present
The Coding School (Los Angeles, CA)
- Developed and organized the curriculum alongside the Teachers and Development Team
- Co-instructed weekly courses in Python, HTML/CSS, and JavaScript
- Provided one-on-one assistance throughout the weekly lessons and the students' projects

***Responsive Web Developer*** June 2015 – August 2015
Creative Crate (Rossmoor, CA)
- Implemented a responsive design for Arsenal Recon (www.arsenalrecon.com) using Bootstrap 3 compiled with LESS
- Created a custom responsive design with CSS based on clientele input, usability, and functionality
- Used Search Engine Optimization to make the company website more visible to search engines, resulting in an increase in web traffic by 10%

## PROJECTS

***Twitter Sentiment Analyzer (Python)***
- Twitter account gathers all tweets located within the Los Angeles area every hour and analyzes the contents using a Python dictionary organized by different emotions
- Currently implementing the IBM Alchemy API for more efficient and effective sentiment analysis, alongside a greater range of emotions

***ORD Bot Hadron 3D Printer (C)***
- Gathered all electronic parts to make the open source 3D printer, and assembly required machining and soldering components onto a RAMPS v1.4 board
- Programmed Arduino Mega 2560 to convert SolidWorks files into an XYZ-coordinate system that the RAMPS v1.4 board can use to move the plastic extruder head accordingly

## PROFESSIONAL ORGANIZATIONS

Association for Computing Machinery
Institute for Electronic and Electrical Engineers
Center for Excellence in Engineering and Diversity

## ACTIVITIES

The Coding School – Teachers and Curriculum Development Team, 2015
UCLA Chess Club, 2014-2015