

# Steve Huynh

Recent university graduate with fundamentals in  
Electrical Engineering and Computer Science.

Curious and passionate in discovering how I can apply  
and utilize software to impact everyday people.

hi-steve.github.io

slhuynh@ucdavis.edu

Seeking full-time employment as a  
Software Development Engineer

## Experiences

Kabrya. Wearables both solar-powered and fashion-forward.  
(July 2017 – Mar. 2018)

- Used logic analyzer to stress test watchdog timer that manages various virtual timers syncing continuous interval events and asynchronous one-shot events
- Debugged and stress tested sensor manager for real-time data gathering from sensors
- Implemented buffers for reliable data transmission between GATT server and clients
- Configured bonding for secure and authorized Bluetooth pairing between devices
- Configured deep sleep capability to conserve overall power consumption
- Updated code to optimize additional resources and be compatible with new hardware

## Projects

Yes Lock. Bicycle lock smart, protective, and ride-shareable.  
(Senior Design, IoT Development and Entrepreneurship)

- Collaborated with three teammates on product from start to end in span of five months
- Configured Bluetooth for dependable communication between SoC and Android App
- Designed and implemented UI of App and interfaced SoC to App via Bluetooth
- Programmed microelectronics from servo motor to accelerometer and alarm using standard embedded protocols and peripherals
- Modeled and printed 3-D bicycle lock and enclosures for printed circuit boards

Wapow! Chrome extension increasing productivity.

- Incorporated web request and chrome API's using HTML, CSS, JavaScript, and JSON

## Relevant Skills

C, C++, Java, Python, R, CUDA, Matlab, Qt, Android Studio, HTML, CSS, JavaScript, Chrome Extension Development, PSoC, TI CCS, Verilog, AWS, EAGLE, Autodesk Fusion, Electronics Lab Equipment, Microcontrollers, Adobe Photoshop, Lightroom

## Education

University of California, Davis  
B.S. in Electrical Engineering, Computer Science

Sept. 2013 – Dec. 2017  
GPA: 3.158 / 4.00

## Project-based Courses

Computer Networks  
Computer Architecture  
Data Structures  
Digital Systems  
Electronic Design  
Embedded Systems  
Machine Learning

Python  
C, MIPS, MPI, NVIDIA CUDA  
C++  
FPGA Board, Verilog  
Android Studio, C, EAGLE, Java, Microcontroller  
AWS, C, C++, Microcontroller  
Octave, Python