

# BRYAN WALSH

Electrical Engineering Undergraduate, Junior  
University of California, Riverside

## CONTACT

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## EXPERIENCE

### Front End Developer

at Lady St. Lucia ([www.ladystlucia.com](http://www.ladystlucia.com))

Feb 2017 - June 2018

Riverside, CA

- Maintained and troubleshot a merchandise website involving HTML, CSS, and marketing with SEO.
- Served as the mediator for translating business goals into functioning solutions.
- Integrated analytics platforms, social media marketplaces with the webpage. (Facebook Pixel, Instagram Shopping, etc.)
- Designed emails to notify customers of new offers and delivery updates.



### Co-Creator/Server Administrator

at EternalCraft

Mid 2011 - Mid 2015

Chino Hills, CA

- Co-created and managed a private game server of over 15,000 active users for 4 years with self-taught skills.
- Raised over \$3,000 of non-profit funds to cover server hosting costs (32GB RAM, Intel Xeon E3-1270v3).
- Configured and troubleshot back-end components through FTP for storing and encrypting user data and passwords (SHA-256).
- Worked with the community to elect volunteer moderators.

## SKILLS

- Java (incl. Android)
- C, C++
- Assembly Language (LC-3, 16-bit)
- HTML, CSS
- MATLAB
- Python
- Web & Interface Design
- Photography & Image Correction
- Auto Repair/Service
- Music

## APPLICATIONS

- Android Studio
- Atmel Studio  
for Microcontroller Debugging and Design
- Microsoft Office
- Adobe Photoshop (CS, CC+)
- Adobe Premiere Pro (CS, CC+)

## PERSONAL PROJECTS

Thrifty Thermostat (*Python, Node.js*) – A \$10 alternative to a Nest thermostat to control your HVAC system from your smartphone.

Reddit Wallpaper Changer (*Java, JSON*) – An Android application that sets random images from Reddit as your phone's wallpaper on an automated schedule.



Sleep Cycle Widget (*Java*) – An Android home-screen widget that determines your optimal wake-up times by calculating REM cycles.



## LANGUAGES

- Mandarin Chinese (Conversational)

## EDUCATION

### Electrical Engineering, B.S.

at University of California, Riverside

Fall 2016 - present

Riverside, CA

- Focus in Intelligent Systems (AI & Control)
- Graduation in June 2020

### H.S. Diploma

at Chino Hills High School

August 2012 – June 2016

Chino Hills, CA

- Graduated in June 2016