

BRYAN WALSH

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EXPERIENCE



Front End Developer

at Lady St. Lucia (www.ladystlucia.com)



Feb 2017 - June 2018



Riverside, CA

- Transitioned the company's web platform from WordPress to BigCommerce.
- Served as the mediator for translating business goals into functioning solutions.
- Integrated analytics platforms and social media marketing solutions. (Facebook Pixel, Instagram Shopping, etc.)
- Implemented Search Engine Optimization (SEO) for the webpage and its products, and support for HTTP over SSL.



Co-Creator/Server Administrator

of 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 troubleshooted 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
- Adobe Premiere Pro



PERSONAL PROJECTS

Thrifty Thermostat (*Python, Node.js*) – A Raspberry Pi built as a budget alternative to a Nest thermostat that allows remote control of an HVAC thermostat from a smartphone.

Reddit Wallpaper Changer (*Java, JSON*) – An Android application that automates the personalization of users' devices. Pulls images from any source on Reddit. 100+ daily active users and over 100,000 images downloaded since release.



Sleep Cycle Widget (*Java*) – An Android homescreen widget that calculates personalized REM cycles and determines optimal wake-up periods.



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