

BRYAN WALSH

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EXPERIENCE



Front End Developer

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

📅 Feb 2017 - June 2018
📍 Riverside, CA

- Maintained and troubleshooted 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

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/Serviceing
- 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.



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