

Electrical Engineering Undergraduate, Junior University of California, Riverside

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### **EXPERIENCE**

## Front End Developer

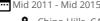
at Lady St. Lucia (<u>www.ladystlucia.com</u>)



• 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.





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.

# 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 wakeup periods.

### ıl. **SKILLS**

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

### **APPLICATIONS**

- · Android Studio
- Atmel Studio for Microcontroller Debugging and Design
- Microsoft Office
- Adobe Photoshop
- · Adobe Premiere Pro

### **LANGUAGES**

• Mandarin Chinese (Conversational)





### **EDUCATION**



Fall 2016 - present

• Focus in Intelligent Systems (AI & Control)

Riverside, CA

• Graduation in June 2020

H.S. Diploma at Chino Hills High School August 2012 – June 2016

Chino Hills, CA

• Graduated in June 2016