
EMPLOYMENT

Engineering Intern **Ringo AI** **Santa Cruz, CA**
January 2020 - Present

- Created a full stack web app that would display Hyperspectral Images and plot the data associated with it
 - Clicking any pixel on an image would return data in a graph form about that pixel's spectral reflectance
 - Click-Dragging would return the minimum, maximum and average spectral data about the dragged area
 - Hyperspectral images and the data associated with each image are served from a Java EE Server
- Worked on the API that returns the spectral data to the web app
 - Spectral data for each image was stored in individual hyperspectral cubes
 - Dealt with hyperspectral images taken from wavelengths of 400nm to 1000nm

Learning Technologies **University of California, Santa Cruz** **Santa Cruz, CA**
Consultant **January 2018 - January 2020**

- Assisted the IT department by supervising the 12 computer labs on campus
- Assisted customers and troubleshooted defected equipment to increase overall lab productivity

Information Technology Intern **Alameda County** **Oakland, CA**
June 2016 - August 2016

- Created PowerShell scripts to deploy packaged applications to 10,000+ users around the county
- Assisted and troubleshooted 100+ users around the county

EDUCATION**Santa Cruz, CA** **University of California, Santa Cruz** **September 2016 - June 2020**

- B.S. in Computer Science, June 2020 (expected).
- GPA: 3.41
- Undergraduate Coursework: Principles of Computer Systems Design, Computer Architecture, Data Structures, Algorithms, Abstract Data Types, Mobile App Development, Web Development, Databases, Distributed Systems

TECHNICAL EXPERIENCE**Projects**

- **FiTrak** (2019). Developed the Android component of a multi-platform app with the goal of connecting potential workout clients directly with personal trainers. Developed by following the SCRUM software development framework. **Android Studio, Java, Google Firebase, Ruby**
- **Secret Santa** (2019). Developed an Android app that allows users to play the popular "Secret Santa" game with a group of others at holiday parties and events. **Android Studio, Java, Google Firebase**
- **EasyLiving** (2019). Developed an Android app that allows users to assign chores, split responsibilities and send messages to each other in order to keep the group's household tidy. Developed by following the SCRUM software development framework. **Android Studio, Java, Google Firebase**
- **Barber Shop** (2018). Developed a website that allows users to sign up for haircuts with a barber of their choosing. **Web2Py full-stack web framework, Python, JavaScript, SQL, HTML, CSS**

AWARDS

- **UCSC Dean's Honors List Recipient** (2017, 2018, 2019): Awarded for students who achieve a grade point average in the top 15% of their academic group
- **Eagle Scout** (2014)

Languages, Technologies and Skills

- Python, Java, C, JavaScript, Haskell, HTML, CSS, Assembly
- PostgreSQL, SQLite, Android Studio, Git, REST APIs, Web2Py
- SCRUM, Agile, Data Structures, Algorithms, Abstract Data Types, Mobile App Development, Web Development, SQL Database