
EMPLOYMENT

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

- Created a Hyperspectral Imaging viewer web app. Hyperspectral images and the data associated with each image are served from a Java EE Server.
 - Clicking any pixel on an image would return data from the server in a graph form about that pixel's spectral reflectance
 - Data is stored in hyperspectral cubes for each image
- Assisted with general Android app development

Learning Technologies Consultant	University of California, Santa Cruz	Santa Cruz, CA
		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
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- 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