

RHIANNA SO

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OBJECTIVE

Seeking to apply problem solving and technical skills in an internship in software engineering or computer science, especially involving frontend/backend development and collaboration with colleagues.

EDUCATION

University of California, Santa Barbara

Expected June 2021

Bachelor of Science, Computer Science

Cumulative GPA: 3.97

Awards and Honors: Regents Scholar, Engineering Honors Program, Dean's List (2017-2018, 2018-2019, 2019-2020)

Relevant Coursework: Object Oriented Design and Implementation, Human-Computer Interaction, Fundamentals of Database Systems, Computer Organization and Logic Design

EXPERIENCE

Software Engineering Intern

June 2019-August 2019, June 2020-August 2020

Raytheon

El Segundo, CA

- Contributed to the creation of a DevSecOps pipeline that could be ported into various programs throughout the company to help ease the transfer of IP from open to closed areas
- Developed an automated code correction tool from its initial design stages to a fully functional model
- Designed and programmed code correction scripts that fixed defects in over 1,000 test cases

Software Engineering Intern

April 2020-June 2020

Ditto Labs, Inc.

Remote

- Encouraged user engagement by implementing discovery features that incentivized user-to-user interaction
- Worked as a part of a startup to produce continuous deliverables using test-driven development

Web Page Designer

August 2013-January 2019

Tumblr

Remote

- Designed and developed web pages made specifically for Tumblr blogs that have been used by over 1,000 users
- Communicated clearly with users and distributed code to interested users

PROJECTS

3CT: Coverity Code Correction Tool

June 2019-August 2019

- Created a tool to process Coverity Analysis artifacts and automatically generate fixes for detected defective files.
- Developed GUI through PyQt and code correction scripts for various CWEs in Python.
- Generated use cases, project specifications, and high-level design with team.

ReciPull, Team Based Course Project

April 2019-June 2019

- Developed a web app that takes in a list of ingredients (through app or Alexa skill) and outputs recipes containing those ingredients.
- Implemented database of recipes through MySQL, created driver program in Java, and developed web interface with React.

LEADERSHIP & COMMUNITY INVOLVEMENT

Small Group Leader, EPIC Movement

September 2018-Present

- Plan weekly meetings to stimulate open discussion among members of the organization
- Collaborate with other student leaders to assess, plan, and improve club functions

Member, The Society of Women Engineers

October 2017-Present

Vice President, Google Developer Student Club

September 2019-June 2020

- Organize events to educate students on Google developer technologies and how to utilize the technologies for projects that benefit the greater community

SKILLS

Technical: Java, C++, Python, HTML, CSS, JavaScript, React, Git/GitHub, Firebase, Qt, MySQL