

# RHIANNA SO

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## OBJECTIVE

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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

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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

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### Software Engineering Intern

June 2019-August 2019, June 2020-August 2020

*Raytheon*

El Segundo, CA

- 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
- Worked as a part of a cyber team with an agile workflow

### 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

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### 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

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*Vice President*, Google Developer Student Club

September 2019-Present

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

*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

## SKILLS

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