

# Rachel Li

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## EXPERIENCE

### Fidelity Investments, Software Engineering Intern

JUN - JUL 2020 | Durham, NC (remote)

- Healthcare Technology group
- Designed and developed the UI from scratch for an internal Health Savings Account operational support/search tool using Angular
- Added UI features to an internal management tool for Fidelity Health Benefits, connected to internal Fidelity APIs

### NASA Goddard Space Flight Center, Intern

JUN - AUG 2019 | Greenbelt, MD

- Goddard Earth Sciences Data and Information Services Center
- Developed a pipeline for downloading, storing, and processing Twitter data related to precipitation
- Stored raw Twitter data in MongoDB, mapped processed Tweets onto a uniform time-space grid using the Python package Zarr
- Selected to present research at the American Geophysical Union Fall Meeting in December 2019

### Student Association for Applied Statistics, Web Development Committee Director

MAY 2019 - MAY 2020 | Berkeley, CA

- Co-led a team of 8 undergraduates (fall: 11, spring: 8) in developing and maintaining the [SAAS website](#) using HTML, CSS, and Django
- Created and taught workshops on web development topics
- Oversaw the completion of 6 projects (fall: 4, spring: 2) by the committee, including 2 website redesigns

## PROJECTS

### SAAS Merch Shop, Student Association for Applied Statistics (SAAS)

JAN 2020 - MAY 2020 | Berkeley, CA

- Designed and developed an e-commerce web app to sell club merch (shirts, stickers) that allows authentication
- The app includes admin pages to display inventory and all user orders + user pages to display the user's past orders
- Technologies used: HTML, CSS, JavaScript, React, Firebase

### walk:now, hack:now hackathon

APR 2020 | virtual

- <https://devpost.com/software/walk-now>
- Designed and developed an iOS app that reads in the number of steps you have taken today in real life from your Apple Health app and allows you to take the corresponding number of steps in Google Street View mode
- Technologies used: Swift, XCode, Google Maps API, Apple Healthkit

## EDUCATION

### UC Berkeley

B.A. Computer Science, Certificate in Design Innovation | 4.0 GPA

MAY 2022 | Berkeley, CA

### Relevant Coursework

- DesInv 15: Design Methodology (Fall 2020)
- CS 170: Efficient Algorithms & Intractable Problems (Fall 2020)
- CS 61C: Machine Structures (Fall 2020)
- CS 61B: Data Structures
- CS 61A: The Structure & Interpretation of Computer Programs
- CS 70: Discrete Mathematics & Probability Theory
- Web Design DeCal

## SKILLS

### Programming Languages

Python, Java, HTML/CSS, JavaScript, SQL

### Programming Tools

Git, React, Angular, TypeScript, Django, Firebase, MongoDB

### Design

Figma, Adobe XD, Adobe InDesign

### Foreign Languages

Mandarin Chinese (fluent), French (proficient)

## AWARDS

### Rewriting the Code Fellow

AUG 2019 - PRESENT

### National Merit \$2500 Scholarship Recipient

APR 2018