

# SOOYEON OH

sooyeonoh48@gmail.com | (979) 220-3163 | linkedin.com/in/sooyeonoh | sooyeonoh.com

## EDUCATION

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**University of California, Berkeley**

Aug. 2019 – May 2023

B.A. COMPUTER SCIENCE

Berkeley, CA

GPA: 3.87/4.00

**Coursework:** Data Structures, Algorithms, Machine Structures, Databases, Data Science, Web Design

**Activities:** President at FEMTech, Developer at Web Development @ Berkeley

## EXPERIENCE

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**MongoDB**

June 2022 – Aug. 2022

INCOMING SOFTWARE ENGINEERING INTERN

San Francisco, CA

- Incoming Summer 2022 intern

**Lyft**

Jan. 2022 – May 2022

INCOMING SOFTWARE ENGINEERING INTERN

San Francisco, CA

- Incoming Winter 2022 intern

**Thermo Fisher Scientific**

Jun. 2021 – Aug. 2021

SOFTWARE ENGINEERING INTERN

Bothell, WA

- Developed a web application prototype that connects to a microscope camera, renders a livestream on the browser, and performs live cell detection using deep learning
- Improved image rendering speed 4-5x by using optimization techniques such as multithreading
- Presented proof of concept and benefits/drawbacks of using Blazor as a framework to the team

**Edlyft**

Jun. 2021 – Aug. 2021

COMPUTER SCIENCE FELLOW

Berkeley, CA

- Planned and led hour-long conceptual review and exam preparation sessions for UC Berkeley students taking Computer Architecture course
- Developed frontend components for the student portal website using reusable React components to receive API calls
- Face rigorous bi-weekly performance reviews and effectively incorporated critiques from team

## PROJECTS

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**CalDates | REACTJS**

Oct. 2021

- Developed the frontend for a blind dating web app for UC Berkeley students to meet based on personality/ interests rather than physical appearance
- Collaborated with a team to develop user stories and implement profile generation and edit functionality

**Live Together | HTML/CSS, REACTJS, JAVASCRIPT, NODE.JS, MONGODB**

Jun. 2021

- Built a full-stack web app that provides a centralized platform for housemates/roommates to communicate and reduce conflicts that stem from sharing a home
- Developed authentication logic with Google OAuth, responsive dashboard, task assignment functionality, and grocery list building using a recipe API

## SKILLS

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**Programming Languages:** Python, Java, JavaScript, C#, C, HTML/CSS

**Technologies:** ReactJS, Node.js, .NET Development, Blazor, MongoDB