

SOOYEON OH

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

EDUCATION

University of California, Berkeley

Aug. 2019 – May 2023

B.A. COMPUTER SCIENCE

Berkeley, CA

GPA: 3.81/4.00

Coursework: Data Structures, Algorithms, Machine Structures, Databases, Operating Systems, Artificial Intelligence, Data Science, Web Design

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

EXPERIENCE

MongoDB

June 2022 – Aug. 2022

SOFTWARE ENGINEERING INTERN | CLOUD INSIGHTS & TELEMETRY

San Francisco, CA

- Incoming Summer 2022

Lyft

Jan. 2022 – Apr. 2022

SOFTWARE ENGINEERING INTERN | PAYMENT PROCESSING

San Francisco, CA

- Built an end-to-end acceptance test for critical user flow processes that generates stats for debugging/monitoring performance and gates service deployments
- Designed an in-depth solution for optimizing refund failures with the goal to boost refund success rate by 40%. Investigated integrations with 5 payment providers, failure scenarios, and business metrics as a part of developing the tech spec.
- Utilized data visualization tools such as Kibana, Grafana to debug and monitor performance

Thermo Fisher Scientific

Jun. 2021 – Aug. 2021

SOFTWARE ENGINEERING INTERN | CELL IMAGING & MICROSCOPY

Bothell, WA

- Created a web app MVP 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
- Cloned an existing desktop app to a web app using Blazor, a web framework, as a proof of concept

PROJECTS

CalDates | REACTJS

Oct. 2021

- Developed the frontend for a blind dating web app for UC Berkeley students to meet based on personality and interests rather than physical appearance
- Collaborated with a team of 4 to develop user stories and design user flows

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

Jun. 2021

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

SKILLS

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

Technologies: ReactJS, Node.js, MongoDB