

Sara Ngo

sara.ngoo.9641@gmail.com | 408.401.3084 | San Jose, CA

EDUCATION

SAN JOSE STATE UNIVERSITY

B.S. IN COMPUTER SCIENCE

Dec 2022 (Expected) | San Jose, CA

Major GPA: 3.7

Cum. GPA: 3.7

Achievement: Dean's scholar
(2021-2022)

LINKS

Portfolio:// [sara-ngo](#)

Github:// [sara-ngo](#)

LinkedIn:// [sara-ngo](#)

SKILLS

PROGRAMMING LANGUAGES:

Javascript • Typescript

Python • Java • Go • C/C++

FRONTEND:

HTML • CSS • JS

Typescript • React

Bootstrap • MUI

BACKEND:

Python • MongoDB

Django • Node/Express

RESTful API • cURL

TOOLS:

Git • Kubernetes

Docker • SwaggerUI

MongoDB Compass

Miro • Sketch

COURSEWORK

- Data Structures and Algorithm
- Object-Oriented Design
- Operating Systems
- Computer Architecture
- Software Engineering
- Computer Networks

EXPERIENCE

APPLE INC.

SOFTWARE ENGINEERING

Feb 2022 - July 2022 | Sunnyvale, CA

- Planned and designed software architecture using **Miro**, **Omnigraffle**, **StarUML** and **Sketch**.
- Developed **microservice** web application using **Python Flask** and **MongoDB** for backend; **React** for frontend.
- Wrote an **API specification** for defining how the web app behave and link with other apps.
- Create **Docker** image and manifest file for future deployment to **Kubernetes**.
- Incorporate **Agile** Methodology and **Github** fork workflow.
- Ensure code and design meets Apple's coding standards and best practices.

TECHNICAL SUPPORT ADVISOR

Feb 2021 - Feb 2022 | Remote

- Identified **iOS** and **iPadOS** customers' problems, provided troubleshooting steps and navigated resolutions.
- Accessed and utilized multiple systems to deliver seamless experience to customers.
- Responsible for **precise** and **detailed** note taking during calls and team meetings.

PROJECTS

UBERCLONE

[HTTPS://QUICKMOVECONTRACTOR.COM/RIDER](https://quickmovecontractor.com/rider)

Feb 2022 - May 2022

- Collaborated with 4 team members to create clone web application of Uber.
- Integrated **Mapbox APIs** to fetch user real time location for generating directions and developed a feature for calculating estimated cost based on distance between driver and rider.
- Implemented **MaterialUI** framework for developing UI components.

POLITICAL ALIGNMENT DETERMINER

[HTTP://KICKSTART-POLITICAL-QUIZ.HEROKUAPP.COM](http://kickstart-political-quiz.herokuapp.com)

Sep 2020 - Dec 2020

- Worked in a team of 3 students to develop web application for providing short quiz to figure out which political party most suitable to users' political views.
- Responsible for the website alignment, frontend element scalability and user interface using **ReactJS** and **Bootstrap**.