

Jennifer Xiao

Jenniferxiao.me 

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EDUCATION

UC Berkeley, Aug 2017 - Dec 2021

B.S. Electrical Engineering Computer Science
3.6 GPA

SKILLS

Languages: [Java](#), [Python](#), [JavaScript](#), [C](#), [Swift](#), [SQL](#)

Technologies: [Node.js](#), [React.js](#), [Spring](#), [Ruby on Rails](#), [Django](#),

Design: [Adobe Suite](#), [Figma](#), [Bootstrap](#)

EXPERIENCE

○ Software Engineering Intern | [Bloom: Stock Market Research App](#)

Present

- Creating front-end features in React (e.g. scanable price charts, sortable investment portfolios).
- Developing scripts that update dynamic collections of investments stored in Django database in a daily cronjob.

○ Applications Development Intern | [ServiceNow](#)

Summer 2019, Santa Clara

- Migrated single-use-case map component from Angular to new React.js based framework to allow for company-wide adoption.
- Built filtered data selection utilizing RESTful API and display of custom clustered markers on a map using Google API.
- Integrated map into new Agent Workspace product that services dispatch workers customers.

○ Backend Software Engineering Intern | [Kar \(formerly STRATIM\)](#)

Summer 2018, San Francisco

- Built new microservice with REST API to manage mobile app events using Spring Boot. Improved server reliability and speed by moving away from monolithic server architecture.
- Developed internal HR tooling using Java Play to automate re-processing of employees.

PROJECTS

○ PINTOS Operating System Extension | [C](#)

Spring 2020

- Implemented priority threads scheduling, sys calls, growable file system, and buffer cache of the OS.

○ The Music Connection Rails Web App | [Ruby on Rails](#), <https://tmc-ucberkeley.herokuapp.com/>

Fall 2019

- Utilized test-driven-development to refactor legacy JavaScript code utilizing Travis CI.
- Added input validation and increase form clarity to decrease number of submissions needed to automate the scheduling of tutoring sessions for 100+ students/teachers and volunteers.

○ iOS Chatbot Food Recommendations | [Swift](#), [Flask](#)

Spring 2019

- Led and taught a 6 person team to create an iOS app that allows users to swipe through restaurants based on their responses to a chatbot.
- Used Yelp API and Flask to service the REST API.

EXTRACURRICULARS

○ Social Chair | [Codeology](#)

Fall 2019 - Spring 2020

- Organized 4 semester retreats and 25+ social events for 70+ club members.

INTERESTS: Digital Art, Cooking (portfolio at jenniferxiao.me)