

Jennifer Xiao

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EDUCATION

UC Berkeley Expected Grad 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

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 creation of tutoring sessions based on 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)