

Jennifer Xiao

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EDUCATION

UC Berkeley - Anticipated May 2021

B.S. Electrical Engineering
& Computer Science - 3.6 GPA

SKILLS

Languages: Java, Python, JavaScript, C, Swift, SQL

Technologies: React, Spring; *in progress:* Ruby on Rails, Heroku

Design: Adobe Suite, Figma, Bootstrap

EXPERIENCE

○ Applications Development SWE Intern | ServiceNow

Summer 2019 • Santa Clara

- Migrated single-use-case Angular Map application to React as reusable component useful for company-wide product development
- Packaged map as an internal plugin to integrate into cross-team Agent Workspace product to create a centralized one-stop-shop application
- Built features such as filtered data selection utilizing RESTful API and display of custom clustered markers on a map using Google API

○ Backend SWE Intern | Kar (formerly STRATIM)

Summer 2018 • San Francisco

- Built a new microservice with REST API to manage mobile app events using Spring Boot to improve server reliability and speed by moving app events away from the main monolith server
- Developed internal tooling using Java Play - tripled speed needed to reprocess STRATIM employees as Kar workers by streamlining workflow in backend

○ BioE Research Intern | University of Arizona - Trouard Lab

Summer 2017 & Summer 2016 • Tucson, AZ

- (2017) Improved data extraction speed 2x on rat brain MR images speed by developing new data extraction technique
- (2016) Developed image processing automation in Matlab to identify infected brain cells.

PROJECTS

○ Recurrent Neural Network Based Music Generation | Codeology

Current

- Leading educational project that creates musical melodies using a Recurrent Neural Net trained on custom music MIDI files. Uses Magenta Library and Jupyter Notebooks.

○ iOS Chatbot Food Recommendation | Codeology

Spring 2019

- Led a 4 person development team to create an iOS app that allows users to swipe through restaurants based on their responses to a chatbot. Uses Yelp API and Flask to service REST API.

EXTRACURRICULARS

○ Social Chair | Codeology

Current

- A Computer Science club centered on mentorship and exploration within the tech industry
- Organizing 2 semester retreats and 15+ social events for 70+ club members

○ Class Tutor | UC Berkeley Computer Science (CS61B Data Structures class)

Spring 2019 & 2018

- Guided students through office hour, labs, problem sets, and projects

INTERESTS: Urban Dance, Drawing/DIY, Cooking