



JenniferXiao .me
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Education: UC Berkeley - Anticipated May 2021 - 3.6 GPA
B.S. Electrical Engineering & Computer Science

2017 - 2021

Languages/Skills: Working Knowledge: Java, Python, C, Swift
Basic Knowledge: html/CSS, SQL, Figma, Adobe Photoshop

Experience:

STRATIM

June - Aug 2018

Back-end Software Intern

- Built a new microservice to manage mobile app events using Spring Boot to improve app speed by moving app events away from the main monolith server
- Developed STRATIM internal tooling for managing client services using Java Play, streamlining the client team's processes: 3x speed of reprocessing employees.

UC Berkeley Computer Science

Jan 2018 - Present

Class Tutor and Lab Assistant (Python, intro to CS class)

- Tutoring students 1-on-1 weekly through a teaching course for future university teaching staff
- Guide students proactively through office hour, labs, and with problem sets, projects

University of Arizona

Summer 2015 & 2016

Bio-Engineering Research Assistant

- (2016) Improved data extraction speed 2x on rat brain MR images speed by developing new data extraction technique for Trouard Lab.
- (2015) Developed image processing automation in Matlab to identify infected brain cells.

Projects:

Restaurant Searching iOS App (Swift, Firebase, Yelp API)

Current

- Teaching crash course weekly sessions on UI Design and iOS development
- Leading a frontend iOS development team (3 people) to create an app that allows users to swipe through restaurants based on their responses to an NLTK chatbot

Investment iOS App (Swift, IEX API, Realm, Algolia)

Nov 2018

- Implemented search, view, and save backend and frontend for investment information

Java Map

Apr 2018

- Developed back-end support for rastering map images during zoom in/out and for generating shortest path between map locations via A* algorithm

Mystery Dungeon Java App

Mar 2018

- Created pseudorandom 2D-tile world generator that saves game state between loads and is interactable via mouse and keyboard GUI

Oro Valley Youth Council VP

2015 - 2017

- Raised \$4000 over 4 months to give Alzheimer's patients personalized iPods.
- Designed graphics for advertising and ticketing for 15 school events
- Taught technology classes to local retirement community

Interests: Urban Dance, Art, Food