

Education: UC Berkeley - Anticipated May 2021 - 3.62 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 Lab Assistant (Python, intro to CS class)

- Presented mini-lectures at the start of 30 student class on scheme
- 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:

Food Discovery Mobile App (Swift, Yelp's API)

Current

- Find popular food dishes in your area through a personalized image newsfeed
- Designed mockups, performing user testing and iterating on design,

Bloom: Investment iOS App (Swift, Expo api, react native)

Current

- iOS app to help individual investors make great investments in the stock market

Mystery Dungeon Java App

Mar (2018)

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

Berkeley maps

Apr (2018)

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

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