

## PROJECTS

June 2019 to Current

Convocord | Ruby on Rails, PostgreSQL, Javascript, React/Redux

- Single-page full stack web application inspired by Discord allowing users to join in conversations on personal server channels
- Used React to handle layouts and components and Redux to manage state changes to frontend
- Designed layouts with SCSS and JSX and enabled navigation around app via React Router
- Wrote models with Ruby on Rails framework to store various backend data (users, servers, messages, private message channels) in Postgres database
- Leveraged Ruby on Rails on backend to make API endpoints to fetch data asynchronously during user events, including creation of new servers and navigation to different servers.
- Managed custom APIs for app-specific user events such as joining a new server via invite links and toggling active private message channels
- Featured live chat via Action Cable web sockets to allow real-time chat function in both public servers and private direct message channels

Mar. 2018 to July 2018

Triptomize | Swift, Core Data, MapKit, iOS Development

- Designed for people to optimally find businesses to stop by along their commutes or long drives.
- Created and implemented all technical aspects of the application flow including searching, displaying, and saving businesses along routes or nearby the user's current location.
- Consumed Yelp's API to obtain key local business details.
- Created object models for saving and loading businesses via Core Data.
- Used a programmatic approach for implementing UI layouts instead of Storyboard.
- Successfully reviewed and submitted application into iOS App Store.

## EMPLOYMENT

Sept. 2019 to Current

Language Scholastics · Instructor · Rowland Heights, CA

Teaching various subjects including SAT, TOEFL and English for non-native speakers  
Arrangements for both group and private classes depending on student needs  
Thorough explanation of methods and thought processes to help build student confidence and critical thinking independently  
Weekly progress reports and recommendations to monitor student progress towards goals

June 2016 to Current

Self-Employed · Private Tutor · Greater Los Angeles Area

Provide private instruction tailored to different student levels in SATs and high school AP exams  
Personalized lesson plans with lectures and assignments tailored to improve student weaknesses  
Focus on mastery learning and having students fully understand key concepts

## SKILLS

PROGRAMMING  
LANGUAGES  
SKILLS

Python, Ruby, Javascript, Swift

Full-Stack Web Development, iOS Development, Git/Github, PostgreSQL, MongoDB

## EDUCATION

2012 to 2016

University of California, Los Angeles  
B.S. Physiology