

# Antonio Franco

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## Education

### University of California, Berkeley

B.S. Computer Science  
Minor: Music  
Graduating May 2019  
GPA: 3.09

### Whitney High School (Rocklin, CA)

Valedictorian  
2011-2015

## Coursework

User Interface Design  
Web Design  
Data Structures  
Algorithms  
Computer Architecture  
Database Systems  
Computer Security  
Artificial Intelligence  
Principles of Data Science  
Internet Architecture and Protocols  
Software Engineering

## Technical Skills

### PROGRAMMING

*Proficient*  
Java • Python  
*Familiar*  
C • SQL • C# • Git

### WEB DEVELOPMENT

HTML • CSS • JavaScript  
PHP • Node.js • Angular  
Ruby on Rails • React • Agile

### MOBILE

Android Studio

### DESIGN TOOLS

Figma • Photoshop • Adobe XD  
LaTeX • Vegas Pro

## Experience

### CITRIS Database

Spring 2019

- Collaborated on a team of 6 students to create a collaborative database for a client in UC Berkeley's CITRIS organization
- Utilized Agile and TDD practices while coding with Ruby on Rails
- Participated in both back-end and front-end
- Built database schema, search functionality with filters, a form to create or edit resources, and an API that developers can use to access the database with RESTful methods

### Life Options for Seniors

Spring 2019

- Designed a website for a consulting firm that provides senior care services using Wix and Javascript

### FreeWheel

Fall 2018

- Designed and developed an Android application with a team of 5 students
- Fulfilled the role as the primary Front-End programmer
- Targeted users with mobile disabilities to assist in finding public transportation methods
- Conducted user interviews and prototyped based on user feedback with a focus on human computer interaction
- Implemented Google's Maps, Places, and Directions APIs

## Projects

### Slide into Spotify

Spring 2019

- Implemented Spotify API in a group of 3 to find songs based on various attributes chosen via adjustable sliders
- Allows user to create a playlist that can be played from a webpage
- Built interface with React and JavaScript

### Synco-Share

Winter 2017

- Developed a website to allow music sharing and chatting with personal accounts
- Utilized the MEAN stack and the Socket.IO library in order to allow synchronized audio playback as well as a chat room between peers

### Chat App

Fall 2017

- Programmed an application to allow chat room messaging over a network using Python's socket API

### Editor

Spring 2016

- Created a functioning text editor that displays text input using Java
- Incorporated data structures in order to implement features like mouse input, copy & paste, font size