

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*

* - current

Technical Skills

PROGRAMMING

Proficient

Java • Python

Familiar

C • SQL • C# • Git

WEB DEVELOPMENT

HTML • CSS • JavaScript

PHP • Node.js • Angular

MOBILE

Android Studio

DESIGN TOOLS

Figma • Photoshop • Adobe XD • LaTeX

Vegas Pro

Experience

FreeWheel

Fall 2018

CS160 Software Project

- Designed and developed an Android application with a team of five 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

Solar Bear

Fall 2016

Engineers for a Sustainable World at Berkeley

- Collaborated on a team of 20 students to design and implement a solar powered charging station on campus
- Compiled materials needed for the power station

Projects

Synco-Share

Winter 2017

Personal Project

- Developed a website to allow music sharing and chatting with personal accounts
- Utilized the MEAN stack
- Allows synchronized audio playback as well as a chat room between peers

Music Sharer

Fall 2017

Personal Project

- Designed a website with account registration and editing through PHP
- Audio files can be uploaded and played from any device

Chat App

Fall 2017

CS168 Software Project

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

Editor

Spring 2016

CS61B Software Project

- 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