Antonio Franco

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Education

University of California, Berkeley
B.S. Computer Science, Minor: Music
2015-2019, GPA: 3.16

Whitney High School (Rocklin, CA)
Valedictorian
2011-2015

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

Technical Skills

PROGRAMMING: **Proficient:** Java • Python • *Familiar:* C • SQL • C# • Git • Android Studio • Database Management
WEB DEVELOPMENT: HTML • CSS • JavaScript • PHP • Node.js • Angular • Ruby on Rails • React • Agile • API Development
DESIGN TOOLS: Figma • Photoshop • Illustrator • Adobe XD • LaTeX • Vegas Pro

Experience

Web Development Intern   Summer 2019
CITRIS and the Banatao Institute & WITI@UC
- Updated and maintained the WordPress websites for The Center for Information Technology Research in the Interest of Society (CITRIS) and The Women in Tech Initiative
- Customized and bugfixed Wordpress themes and plugins using PHP, JavaScript (React).
- Improved website design, functionality, and graphics for CITRIS's Communications team
- Optimized website navigation to improve website traffic
- Documented changes to help future-proof websites

Life Options for Seniors   Spring 2019
- Designed a website for a consulting firm that provides senior care services using Wix and Javascript

Projects

Innovation Resource Database   Spring-Summer 2019
- Created a collaborative database for multiple organizations associated with UC Berkeley's CITRIS
- Utilized Agile and TDD practices in a 6 person team while coding with Ruby on Rails
- Primary website designer and developer, involved in back-end and testing via RSpec and Cucumber
- 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

Slide into Spotify   Spring 2019
- Implemented Spotify API in a 3 person team 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

FreeWheel   Fall 2018
- Designed and developed an Android application
- Main Front-End programmer in a team of 5
- Assisted users with mobile disabilities to discover public transportation options
- Conducted user interviews and prototyped based on user feed-back with a focus on human computer interaction
- Implemented Google's Maps, Places, and Directions APIs

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