

# Antonio Franco

Berkeley, CA • (916) 230-5946 • abfranco@berkeley.edu  
<https://github.com/ABFranco> • [abfranco.github.io](https://abfranco.github.io) • [www.linkedin.com/in/ABFranco](https://www.linkedin.com/in/ABFranco)

---

## EDUCATION

---

University of California, Berkeley	May 2019
<i>B.S. Electrical Engineering and Computer Science</i>	
Whitney High School	2011-2015
<i>Valedictorian</i>	

## COURSEWORK

---

CS61B	Data Structures	CS188	Artificial Intelligence
CS61C	Computer Architecture	CS168	Internet Architecture and Protocols
CS70	Discrete Math and Probability	CS161*	Computer Security
CS170	Algorithms	DS100*	Principles of Data Science
CS186	Database Systems	MATH 54	Linear Algebra

\* - current

## SKILLS

---

*Proficient:* Java, Python

*Familiar:* MIPS, C, SQL, HTML, CSS, PHP, JavaScript, C#, Node.js, Angular

*Tools:* LaTeX, Unity, Git

## EXPERIENCE

---

Solar Bear, <i>Engineers for a Sustainable World at Berkeley</i>	Fall 2016-Spring 2017
<ul style="list-style-type: none"><li>Collaborated on a team of 20 students to design and implement a solar powered charging station on campus</li><li>Compiled materials needed for the power station</li></ul>	
Laser Tag Drones, <i>UAVs@Berkeley</i>	Fall 2016
<ul style="list-style-type: none"><li>Built UAV drones and developed a laser tag platform with a team of 8 members</li><li>Integrated an Arduino program to record detection by infrared LEDs and sensors</li></ul>	

## PROJECTS

---

Synco-Share, <i>Personal Project</i>	Winter 2018-Present
<ul style="list-style-type: none"><li>Developed a website to allow music sharing and chatting with personal accounts</li><li>Languages include the MEAN stack, specifically HTML, CSS, JavaScript, Node.js, Angular</li><li>Allows synchronized audio playback as well as a chat room between peers</li><li>Planning to allow music uploading functionality</li></ul>	
Music Sharer, <i>Personal Project</i>	Fall 2017
<ul style="list-style-type: none"><li>Designed a website with account registration and editing through PHP</li><li>Audio files can be uploaded and played back if logged in from any device</li><li>Utilized HTML, CSS, PHP, SQL</li></ul>	
Chat App, <i>CS168 Software Project</i>	Fall 2017
<ul style="list-style-type: none"><li>Programmed a simple application to allow messaging over a network</li><li>Applied Python's socket API in order to produce client-server interaction</li><li>Integrated joinable chat rooms and properly displays sent messages without delay</li><li>Allows up to 10 users to connect to a server and splits up messages that overflow above 200 characters</li></ul>	
Editor, <i>CS61B Software Project</i>	Spring 2016
<ul style="list-style-type: none"><li>Created a functioning text editor that displays text input using Java</li><li>Modularized code in order to implement features like mouse input, line breaks, font size</li><li>Incorporated data structures to store input and allow save and redo functionality</li></ul>	