

## EDUCATION

<b>Berkeley, CA</b>	<b>University of California, Berkeley</b>	<b>May 2022</b>
<ul style="list-style-type: none"><li>Bachelor's: <b>Computer Science / Data Science Major</b>, Entrepreneurship and Technology Certificate</li><li>Cumulative GPA: 3.5/4.0</li><li>Coursework: CS 61a/61b/70: Comp Programs, Algorithms, Discrete Math; IndEng 185: Data Driven Business Models</li><li>Extracurricular: Committee Member at Fintech @ Berkeley, Member at IEEE, Instructor at Juni Learning</li></ul>		

## EMPLOYMENT

<b>President / Co-Founder / Developer</b>	<b>PlexTech (Extracurricular)</b>	<b>Jan 2020 –</b>
<ul style="list-style-type: none"><li>Created and hosting a responsive, single-page informational website in HTML/Bootstrap describing goals and a mission of connecting passionate students to Silicon Valley.</li><li>Creating a deep pedagogy which walks 40 new members through various essential facets of software development.</li><li>Coordinating with multiple Silicon Valley companies and gained 3 contracts for software consulting projects.</li></ul>		

<b>Undergraduate Research Assistant</b>	<b>University of California, Berkeley</b>	<b>Jan 2020 –</b>
<ul style="list-style-type: none"><li>Building a secure full-stack web application to manage EV charging with MEAN architecture and responsive UI design with deployment on Google App Engine.</li><li>Building data pipelines in Python between the MongoDB database, the EV microcontrollers and the Kitu application.</li><li>Coordinating with the algorithms team, the remote industrial team (Kitu), and the chemical team (product) to properly consolidate all features and business logic into a deployable product.</li></ul>		

<b>Full-Stack Developer</b>	<b>Berkeley Mobile (Extracurricular)</b>	<b>Sep 2019 –</b>
<ul style="list-style-type: none"><li>Revamping Berkeley's official campus app to a newer cross-platform UI friendly technology (React Native).</li><li>Leading the redesign and implementation efforts, focusing on feedback from user research and usability testing.</li><li>Building web scraper scripts in Python and Beautiful Soup to aggregate data to a Firebase database.</li></ul>		

<b>Software Engineering Intern (Part-Time)</b>	<b>Wymbo, Inc.</b>	<b>Sep 2019 – Dec 2019</b>
<ul style="list-style-type: none"><li>Solved 7 pertinent issues relating to event creation bugs and solution of edge cases on the ReactJS website.</li><li>Solved a release-stopping Firebase and Live Reload dependency issues in React Native for the Android version.</li></ul>		

<b>Software Engineering Intern</b>	<b>Hewlett Packard Enterprise</b>	<b>Jun 2018 – Aug 2019</b>
<ul style="list-style-type: none"><li>Built quadratic-time analysis and profile reports over tens of gigabytes of data of open source vulnerabilities and customer data with Node.JS to help secure additional funding for an internal open source tracking application.</li><li>Added 38 mini-features and UI updates to an internal open source tracking application which was written in VB.NET and JavaScript to increase user experience. Worked under an Agile workflow.</li><li>Created a CRUD desktop GUI with Python (Tkinter) to manage tens of gigabytes of sensitive product data and wrote a script to automate its data cleansing, saving 2 hr/week of tedious manual labor.</li></ul>		

## PROJECTS

- Memory Bank** (2019). A Facebook Messenger Bot that provides analytics within a messenger group. Node.js, Dialogflow, Botbuilder. *Presented at Microsoft MiniBot Hackathon*
- Choices** (2019). An iOS and Android app which recommends menu items to try from an image of a menu based on their taste palette and restaurant reviews. React Native, Python (Django), GCP. *Presented at CalHacks 6.*
- Close Cash** (2019). A peer-to-peer ATM System with bank-like security that match tellers to receivers. MongoDB, Express, React Native, Node.js. **Awarded Best Financial Hack at HackRice 9.**

## CERTIFICATIONS, LANGUAGES AND TECHNOLOGIES

- Intel Edge AI Scholarship Foundation, Google Cloud Platforms: Core Infrastructure*
- Python (Django), Node.js, React, React Native, Java, HTML, CSS, Angular, Express, MongoDB, SQL, PHP, VB.NET
- Git, Jira (Agile), Firebase, Android Studio, Visual Studios, PID, OpenCV, Raspberry Pi