

EDUCATION

Berkeley, CA	University of California, Berkeley	May 2022
<ul style="list-style-type: none">• Bachelor's: Computer Science with a focus in Data Science and Entrepreneurship (GPA: 3.8/4.0)• Coursework: CS 61a/61b/70: Comp Programs, Algorithms, Discrete Math; IndEng 185: Data Driven Business Models• Extracurricular: CS Instructor at Juni Learning, Distinguished Member of IEEE, Developer at Fintech @ Berkeley		

EMPLOYMENT

President / Co-Founder / Developer	PlexTech (Extracurricular)	Jan 2020 –
<ul style="list-style-type: none">• Created and hosting an informational site describing mission of connecting passionate students to Silicon Valley.• Creating a deep full stack web development course which walks 40 new members through various essential facets of software development to develop pedagogy and increase member aptitude.• Coordinating with multiple Silicon Valley companies and gained 3 contracts for software consulting projects.		

Undergraduate Research Assistant	University of California, Berkeley	Jan 2020 –
<ul style="list-style-type: none">• Building a full-stack web application to optimize EV charging with MEAN (MongoDB, Express, Angular, Node.js) architecture and responsive UI design with deployment on AWS EC2.• Building data pipelines in Python between the MongoDB database, the EV microcontrollers and the interface in order to successfully manage the transfer of data.• Learned how to execute successful iterations of a product by hosting user research studies and gathering UI response feedback.		

Full-Stack Developer	Berkeley Mobile (Extracurricular)	Sep 2019 –
<ul style="list-style-type: none">• Revamped Berkeley's official campus app to a newer cross-platform UI friendly technology (React Native) by working with design tools in Adobe XD.• Led the redesign and implementation efforts, focusing on feedback from user research and usability testing.• Building a Python data aggregation script with Selenium, scraping Facebook Events data and deployed on GCE		

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

Software Engineering Intern	Hewlett Packard Enterprise	Jun 2018 – Aug 2019
<ul style="list-style-type: none">• Built 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.• 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.• 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.		

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), Selenium, Firebase, Android Studio, Visual Studios, PID, OpenCV, Raspberry Pi