

EDUCATION

Berkeley, CA	University of California, Berkeley	May 2022
<ul style="list-style-type: none">• <i>Bachelor's in Computer Science</i>, Cumulative GPA: 3.5/4.0• Coursework: CS 61a/61b/70: Comp Programs, Algorithms, Discrete Math, IndEng 185: Amazoogole• Extracurricular: IEEE, ASUC OCTO (Berkeley Mobile)• Teaching advanced Python/Java as a part-time Student Instructor at Juni Learning		

EMPLOYMENT

Undergraduate Research Assistant	University of California, Berkeley	Jan 2020 –
<ul style="list-style-type: none">• Building the full-stack web application with MEAN architecture and responsive UI design.• Coordinating with algorithms team, industrial remote team (database), and chemical team (product) to properly consolidate all features and business logic.		
Lead Developer	Berkeley Mobile (Extra-Curricular)	Sep 2019 –
<ul style="list-style-type: none">• Revamping Berkeley's official campus app to a newer cross-platform UI friendly technology (React Native).• Leading the redesign and implementation efforts, focusing on feedback as provided by user research and usability testing.		
Software Engineering Intern (Part-Time)	Wymbo, Inc.	Sep 2019 – Dec 2019
<ul style="list-style-type: none">• Solved pertinent issues relating to event creation bugs and solution of edge cases on the ReactJS website.• Solved blocker for Firebase and Live Reload dependency issues in React Native for the Android version leading to a successful initial release.		
Software Engineering Intern	Hewlett Packard Enterprise	Jun 2018 – Aug 2019
<ul style="list-style-type: none">• Built analysis reports of open source vulnerabilities with VB/JavaScript; reduced time from quadratic to logarithmic.• Developed a "customer profile report" with Node.js which provided usage information of an internal application gathering additional funding.• Created a CRUD desktop GUI with Python (Tkinter) to manage 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.***
- **Steel Talon Robotics** (2016-2019). An FRC high school robotics team where I led the team in autonomous motion path planning and vision processing. Java, Python. ***Awarded 1st Place at FIRST Texas Competition***
- **Contest Management System** (2018). A tool to manage local CS contests which evaluates Java submissions, handles judging and streamlines concessions. PHP, MySQL, Java.

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