

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: EECS 16a/16b: Designing Systems, CS 61a/61b/70: Comp Programs, Algorithms, Discrete Math• Extracurricular: IEEE, Berkeley Mobile (Lead Developer): Developing Berkeley's official campus app in React Native		

EMPLOYMENT

Student Instructor (Part-Time)	Juni Learning	Aug 2019 –
<ul style="list-style-type: none">• Instructing 10 students of all levels upon a full course on basic Python programming and advanced algorithms.• Making curriculum suggestions and improvements leading to the addition of 3 new supplemental projects, enhancing the quality of teaching materials.		
Software Engineering Intern (Part-Time)	Wymbo, Inc.	Sep 2019 – Dec 2019
<ul style="list-style-type: none">• Solving 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.		
Founder	BitsNBytes Tutorials	Jun 2017 – Jan 2019
<ul style="list-style-type: none">• Gathered and taught over 120 students over the duration of 1.5 years to participate in a Java Bootcamp by conducting market research and direct marketing.• Developed a comprehensive web interface in PHP and MySQL to facilitate grading, online assignment submission and material distribution.		

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 (Flask), 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, Node.js, React, React Native, Java, HTML, CSS, Angular.JS, Express, MongoDB, SQL, PHP, VB.NET, C++
- Git, Jira (Agile), Firebase, Android Studio, Visual Studios, PID, OpenCV, Raspberry Pi