

EDUCATION

May 2020	Cornell University Bachelor of Science Computer Science Minor in Information Science - UX Concentration
May 2015	Miami-Dade College - Kendall Campus Associate of Arts

RELEVANT COURSEWORK

- Object-Oriented Programming & Data Structures
- Functional Programming
- Design & Programming for the Web
- Data-Driven Web Applications
- Artificial Intelligence
- Software Engineering
- Analysis of Algorithms
- Designing Technology for Social Impact
- iOS App Development
- Introduction to Computing Using Python
- Discrete Structures
- Digital Logic & Computer Organization
- Embedded Systems

SKILLS

LANGUAGES: Python, JavaScript, HTML/CSS, PHP, Java, OCaml, SQL, Swift, MATLAB

TECHNOLOGIES: GitHub, jupyter Notebook, Pandas, Numpy, React Native, Node.js, Visual Studio Code, Electrode Native, Atom, Xcode, DialogFlow, Colaboratory

ORGANIZATIONS

BigRed//Hacks · *Marketing Lead*

Underrepresented Minorities in Computing (URMC)

Association of Computer Science Undergraduates (ACSU)

EXPERIENCE

GOOGLE

Software Engineering Intern

May 2019 - Present
Sunnyvale, CA

- Created an ipynb metric dashboard using Colaboratory and Python's Pandas library to construct accessible, usable, and meaningful data visualizations for the chip DV team
- Refactored entire codebase to upgrade from Python 2 to Python 3 and to comply with best practices
- Underwent code review including readability, presubmits, and director approval
- Pushed code to production leading to a 50% increase in visualized data that was immediately put to use
- Composed formal documentation for the project to aid with future development

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Incoming Teaching Assistant - Artificial Intelligence

August 2019 - December 2019
Ithaca, NY

WALMARTLABS/WALMART INTERNATIONAL

Full-Stack Engineering Intern

June 2018 - August 2018
Sunnyvale, CA

- Produced impactful improvements on the Google Assistant app for Walmart's UK based grocery store, ASDA, via feature additions
- Increased the amount of data being sent for analysis with each Voice call by ~70%
- Eliminated pre-existing bugs, bolstering the app's usability by preventing hanging responses by the Assistant
- Pushed code to production, allowing my work to have immediate significance
- Handled the front-end with Google's Dialogflow platform and the back-end with Node.js

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Teaching Assistant - Introductory/Intermediate Design and Programming for the Web

January 2019 - Present
Ithaca, NY

- Lead a Lab section once a week in which I teach new concepts and provide assistance to ~25 students of the course via a small lecture and a lab assignment
- Hosted Office Hours in order to provide students more in-depth and personal assistance with the understanding of course content, troubleshooting technical issues, and questions about the assigned projects
- Reviewed the projects and lab assignments submitted by the students and grading them on code quality, adherence to best practices, and the caliber of the project itself
- Answered questions and providing helpful tips on the course's Question & Answer forum, CampusWire

WALMARTLABS

Mobile Engineering Intern

June 2017 - August 2017
Sunnyvale, CA

- Engineered a Mobile App for iOS that demonstrates the benefits associated with utilizing Electrode Native
- Created entirely in Electrode Native, a (at the time) new platform built on top of the React Native framework
- Provided insights to the Electrode Native team during development that helped them understand how the framework would actually be used
- Helped convince the executives at Walmart Labs to allow the project to go Open Source

PROJECTS

Cornell Hyperloop - Electrical Team Lead

January 2017 - May 2019

- Managed the Hardware and Software Subteams to ensure that we are making significant progress on the electrical system we created for dynamic control.
- Provided technical assistance to both Subteams as a veteran member and former Subteam Lead.
- Communicated with the other Team Leads to best inform decisions about the Team's direction.
- Maintained constant communication with corporate sponsors and SpaceX in order to gain guidance towards our goal of competing.

Walmart Brick & Code 2.0 (Second Place) - SmartBasket

January 2017

- iOS app that facilitates a concept created by our team called Shop Sharing that allows a group of people to order items from Walmart together and have them shipped in one box.
- One of the two Full-Stack Engineers developing the front-end in Swift and the back-end in Firebase.
- Cuts shipping costs for Walmart, which benefits the customers by translating those shipping savings into discounted prices.
- Utilizes the technology behind Jet (at the time, a recent acquisition of Walmart) that calculates the discounts based on shipping size.