

Education

Boston University, B.A. in Computer Science, Minor in Mathematics

Expected May 2022

Coursework: Data Structures & Algorithms, Computer Systems, Probability in Computing, Algorithm Analysis

Honors & Awards: Dean's Honor List (Fall 2018, Spring 2019, Fall 2019, Spring 2020)

Skills

Programming: Python | JavaScript | Java | HTML5/CSS3 | MongoDB

Frameworks / Tools: Flask | NodeJS | VueJS | React / React Native | Express | jQuery

Experience

Bluebonnet Data | Data Science Fellow

July 2020 - Present

- Perform data analytics for Democratic Congressional Candidate Allen Ellison in FL-17 district
- Analyze election data on precinct and county levels to help predict win numbers and voter turnout

Microsoft TEALS | Volunteer Teaching Assistant

June 2020 - Present

- Co-teach lab portion of App Development course at Brighton HS
- Assist students with programming in MIT App Inventor along with helping solidify their understanding of core concepts such as binary operations

BU Software Lab | Software Engineer Intern

May 2020 - Present

- Improved internal time tracking tool that allows admin to monitor and evaluate research grant spending
- Created PivotTable interface using JavaScript, PHP, SQLite with optional CSV and TSV export functions and implemented respective unit tests in Jest
- Added preprocessing functionality to JavaScript multi-party computation library 'Jiff'

BU Spark! | Software Engineer Fellow

January 2020 - May 2020

- Developed "My Science Guide" React Native mobile app which is an online research mentorship platform for Latin American high school students
- Implemented mentor matching algorithm based on experience and interests and a chat room system with Firebase

Projects

Agriworks | Hack4Impact | agri-works.org

September 2019 - Present

- Developing web platform for data scientists and policymakers in India to analyze agricultural datasets
- Building application using VueJS, Flask, MongoDB

FakeNews Extension | BostonHacks Hackathon

December 2019

- Created a Google Chrome Extension that checks the authenticity of a news article by using a Google Cloud Classification model and a PageRank algorithm
- Built extension with Python, JavaScript, and Google Cloud API

Leadership

Global App Initiative | President

January 2019 - Present

- Working with Wellesley Cancer Prevention Project and CAIR Coalition to build mobile applications that scan food barcodes to discover potentially carcinogenic ingredients and an app to translate legal documents, respectively

OpenWeb | Treasurer

September 2019 - Present

- Lead incubator for software development on campus which includes workshops and working on coding projects together