Education

Boston University, Boston, Massachusetts

B.S. in Computer Science and Mathematics

Expected Graduation: May 2021 GPA: 3.98

Related Coursework: Data Structures and Algorithms, Combinatoric Structures (Discrete Math), Computer Systems, Probability, Analysis of Algorithms, Programming Languages

Technical Skills: Java, Python, C, Haskell, Go, Front-End Web Design, Microsoft Excel, LaTeX

Work Experience

BU CS Department, Research Assistant, Boston, MA

January 2019 – Current

- Analyzed social networks using Python and NetworkX and studied correlations between graph manipulation and node centrality among various network models
- Optimized several graph algorithms using Python to scale for large network simulations

Magnolia Prime, Data Analytics Intern, Redwood City, CA

August 2017 – January 2018

- Developed a new organizational method using Microsoft Excel and Pivot Tables to categorize product usage data for marketing and product development
- Analyzed clients' platform usage data and presented findings at weekly company-wide meetings
- Planned weekly meetings with primary three clients to maintain relations and to create social media content for marketing strategies

Projects

BUsBot, Lead Programmer

December 2018 – Current

- Created FB Messenger chatbot application that reports live BU shuttle information to students
- Used Python to write webhook that processes BU shuttle data into readable response messages
- Used DialogFlow to handle natural language processing for distinguishing user commands
- Led team of four to design program architecture and designated workflow among members

Decentralized Social Network, Team Member

January – May 2018

- Used Go to create an IRC application with decentralized backend and browser frontend
- Individually responsible among team of six for developing distributed server communication

Involvement, and Leadership

MakeBU, Team Member

January 2018 – Current

Participated in weekly hack nights, programming workshops, and technology seminars

Gunn Business Club, President and Founder

August 2014 – May 2017

- Planned travel logistics and organized test-prep materials for 16 DECA & FBLA competitions
- Grew club from 20 members to 160+ members and managed a 15-person officer team
- 100+ volunteer hours from creating and participating in various community service projects

Boy Scout Troop 14, Troop Guide

January 2018 – Current

• 100+ volunteer hours from creating and participating in various community service projects

Honors: Eagle Scout, Dean's List (3.5+ GPA, All Sem.) | Interests: Ultimate Frisbee, Rock Climbing