

Objective: To obtain a full-time position

EDUCATION

Georgia Institute of Technology | Atlanta, GA

August 2016 – May 2021

BS in Computer Science (Intelligence/People Concentrations) | GPA: 3.80/4.00

- Georgia Tech BSMS Program: MS in Computer Science (Expected grad: Spring 2021)
 - Graduated BS Spring 2020 (Summa Cum Laude)
- HOPE and Zell Miller Scholarship Recipient

PROFESSIONAL EXPERIENCE

Capital One Financial Corporation

June 2019 – August 2019

Technology Development Intern – Full Stack Development

(Python, Flask, PostgreSQL, D3, Angular, AWS, Docker, Stencil)

- Expedited company marketing analysis by constructing an information visualization web application to aid both business analysts and data scientists in determining optimal advertisement campaigns
- Designed micro-frontend web components with Stencil/D3 to allow a simpler embedding process of the web application across multiple company platforms
- Established a backend server with Flask to handle user-end query requests to a PostgreSQL database to display proper data in graphical interface
- Participated in constructing unit, functional, and performance test cases to holistically evaluate the performance of code and to better comprehend the entire software development life cycle

Codemettle LLC.

May 2018 – August 2018

Software Development Intern – Network Management Services

(Java, Python, JavaScript, HTML, CSS)

- Developed software to facilitate scalable data networking operations for telecommunication devices from clients such as DirecTV, BellTV, and the U.S Army
- Established software on company virtual machines to allow for efficient testing of production-level software
- Optimized data visualization by embedding JavaScript processes to enhance client utilization

Georgia Tech College of Computing

August 2018 – December 2018

Undergraduate Teaching Assistant – Introduction to Programming

- Instructed recitation for a section of 50 students to supplement course material understanding and to provide an additional interactive learning environment
- Devised homework and exam problems in Python to assess students' comprehension of various fundamental computing techniques

PROJECTS & RESEARCH

JobBot

October 2017

HackGT IV

(Python, Heroku, Node.js, Google DialogFlow)

- Eased job-searching opportunities at career fairs by creating a Facebook chatbot to pair attending students to prospective companies with matching criteria
- Executed data-fetching/storing operations by implementing Node.js and Heroku Web Service functionality to effectively communicate with a Mongo-DB database

Georgia Tech Department of Modern Languages

August 2018 – May 2019

Computational Linguistics at GT Department of Modern Languages

(Python, SpaCy NLP Parser)

- Examined implicit object occurrence in English verbs using Python document/CSV parsing and part-of-speech tagging to compare contexts of verb appearance
- Analyzed trends in communication in online forums with webscraping techniques in order to identify unique linguistics properties within specialized web communities

Robotic Musicianship: DeepScore

January 2019 – May 2020

Vertically Integrated Projects

(Python, Speech-to-Text)

- Demonstrated machine learning capabilities through training a composition software to cross-examine chord sequences and tendencies in music theory
- Produced music scores to accurately match and enhance the expressed mood from visual/character cues within movie scenes