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EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC

May 2024

Computer Science B.S and Statistics and Analytics B.S

- GPA 3.80
- Dean's List

Relevant Coursework

- Data Structures with Java, Discrete Mathematics, Calculus III, Linear Algebra, Probability for Data Science

Skills and Certifications

- **Skills:** Python, Java, JavaScript, SAS, HTML, CSS, React, Git
- **Certifications:** MTA: Introduction to Programming Using Python, SAS Fundamentals Associate: Programming Fundamentals Using SAS 9.4

EXPERIENCE

Fidelity Investments – Durham, NC

May 2022 – Present

Software Engineering Intern

- Analyzed JSON data retrieved from company databases and converted it to a filtered format using Python
- Worked with Python Libraries such as SkLearn, TensorFlow to build and optimize machine learning model
- Tested data against different classification models and visualized each model's efficiency using Matplotlib
- Created an API using Flask to deploy model for testing in production
- Practiced agile methodologies like Scrum meetings, stand ups and agile ceremonies
- Utilized Jira to complete daily tasks and create new stories for issues that needed to be addressed

IBM – Morrisville, NC

June 2022 – Present

Accelerate Program Participant

- Used JavaScript/React to create websites/web apps and add interactable features
- Constantly communicated with groups of participants under a mentor to find creative ways to problem solve while completing assignments
- Actively collaborated with fellow participants during weekly group meetings and discussions about previous and current assignments
- Engaged in and passed occasional checks to test knowledge on react and web app creation

Panther Creek High School Robotics – Cary, NC

August 2019 – June 2021

Team Captain

- Led a team of six members to design, build and program a robot to perform specific tasks as detailed by the Vex Robotics Competition.
- Programmed autonomous and driver control functions using C++ programming language
- Collaborated with mentor to debug issues and produce creative solutions to problems we encountered.
- Won the regional championship and helped Panther Creek get its first design award for Innovative robot design.
- Qualified for and participated in the North Carolina Vex State Championship.

Projects

Budget Tracker: A web app that allows users to create and manage budgets, add transactions, and view data. Utilizes a log in system to allow multiple users to use the app.

- Web app built using Bootstrap, HTML/CSS JavaScript, and Flask/Python
- Stores user data in a NOSQL database using MongoDB
- Implements Rest APIs to query data from database

Twitter Data Retrieval API: An API that returns a user specified number of tweets based on criteria such as account, word/phrase, and time-period without any limitations on the number of tweets or timeframe of when a tweet was issued.

- API Built with Flask
- Retrieves twitter data using Selenium