Ralph Farah

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EDUCATION

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY   **Expected Graduation: May 2024**

School Of Arts & Sciences – New Brunswick

Major(s): Computer Science   **Bachelor Of Arts (BA)**

Cumulative GPA: 3.3

Relevant Coursework: Introduction to Data Science**,** Computer Architecture, Database and Information Management, Design and Algorithm, Data Structures, Programming Concepts, Imaging & Multimedia, Design Algorithm, Computer Programming II, Introduction to Mobile Application Development , Internet Technology

Profile: As a Senior majoring in Computer Science, I possess strong proficiency in programming languages like Python, R, SQL, java, and C++. Seeking roles in data science or web development, I offer solid project management skills, leadership qualities, and a history of team collaboration. My expertise spans R, and Python toolkits such as Pandas, Seaborn, Matplotlib, NumPy, scikit-learn, and Django, emphasizing my data science inclination. Currently working towards a Data Analysis certificate from Google. Additionally, I have practical knowledge in frontend development using HTML, CSS, JavaScript, React, Angular, and WordPress. Besides technical skills, I am fluent in English, with a good grasp of French and basic Spanish.

EXPERIENCE, KNOWLEDGE

CFS Tax Consultants   **North Brunswick, NJ**

Financial Advisor Assistant   **Jan 2023 - Apr2023**

- Initiated development of a web interface using HTML, CSS, JavaScript, and Angular for a financial advisor at CFS to facilitate client data input. Project was halted before integrating a backend solution due to CFS policies

Data Analysis   **New Brunswick, NJ**

Class Projects   **Jan 2023 - Apr 2023**

- Executed exploratory data analysis on large NYPD complaint dataset and complex Twitter social media data via API, involving thorough data preprocessing and cleaning, detailed pattern analysis, and comprehensive visualization using tools such as pandas, NumPy, seaborn, scikit-learn, and matplotlib
- I employed SQL for the NYPD dataset, focusing on efficient data querying, management, and database manipulation

Cyber Security   **New Brunswick, NJ**

Semicolon Academy   **Sep 2023 – Dec 2023**

- Completed an extensive cybersecurity training program encompassing fundamental concepts of cybersecurity, network security, and web application penetration testing. Acquired hands-on experience in ethical hacking, penetration testing methodologies, bug bounty hunting, and advanced defense strategies against various cyber threats

LEADERSHIP , PROFESSIONAL DEVELOPMENT & CLUBS

Phi Kappa Tau (Rutgers University-New Brunswick)   **New Brunswick, NJ**

Treasurer   **Sep 2022 - Sep 2023**

- Managed roughly a $40,000 budget for the fraternity by collecting and depositing money in accounts
- Tasked with managing funds for events hosted by the fraternity on local and national level

Rutgers University Programming Association   **New Brunswick, NJ**

Event coordinator   **Sep 2022 - Sep 2023**

- Assumed a leadership role in designing and orchestrating specialized programming initiatives catered to the club
- Employed advanced programming techniques and principles through active participation in group-based Projects

SKILLS & INTERESTSC

Professional Skills: Kali Linux, Burp Suite, Python, R, SQL, C++, Java, HTML, CSS, JS, PHP, WordPress, React, Angular

Languages: English, French, Spanish

Interests: Ethical Hacking, Cyber news, Soccer, Weightlifting, Boxing, Photography, Hiking, Guitar, Football, Stock Trading