

Ralph Farah

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Portfolio Website: <https://ralphhf.github.io/Ralphhf-RalphFarahPortfolioWebsite.github.io/>

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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

MindStaq

Remote Startup Company

Front Developer Intern

April 2024 – May 2024

- Engaged in a two-month, part-time web development internship at MindStaq, where I enhanced my skills in Angular, TypeScript, and HTML/CSS through project-based learning under the guidance of experienced software developers.
- Gained practical experience with Agile development practices, participated in code reviews and quality assurance processes, and developed both technical and soft skills through professional development workshops.

Berkley Custom Insurance Managers

Stanford, CT

Technical Finance Intern

May 2024 - Aug 2024

- Developed and enhanced web portals and data interfaces using HTML, CSS, JavaScript, PHP, and Microsoft SQL Server to support corporate dashboard compilations and automated accounting functions
- Gained expertise in SQL and SSIS for data manipulation and reporting, contributing to efficient financial operations and improved data transmission systems

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

Data Analysis

New Brunswick, NJ

Class Projects

Sep 2023 – Dec 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

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 & INTERESTS

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