Rayhan Mohammed

19 Highland Dr, Parlin, NJ • rayhan.mohammed15@gmail.com • (718)-502-4144
rayhanmoh.netlify.app | www.linkedin.com/in/rayhan-mohammed-80b301254 | https://github.com/RayM2

Education

Albert Dorman Honors College, New Jersey Institute of Technology - Newark, NJ
Sept 2022-Present
Expected Graduation: December 2025
Double Major, Bachelor of Science in Computer Science and Bachelor of Science in Applied Mathematics
Awards: Dean's List (Fall 2022, Spring 2023, Fall 2023)
Activities: NJIT Honors Ambassador, NJIT Kids Who Code

Experience
Research Assistant
NJIT Visual Perception Laboratory - Newark, NJ
Oct 2023–Present
- Collaborated with a team of researchers to study the peripheral vision and coordination of video game players.
- Developed and fine-tuned Python and MATLAB code to efficiently orchestrate experiments and streamline data collection procedures.
- Employed Python and R for comprehensive data analysis, uncovering valuable insights from experimental results.
- Operated eye-tracking equipment to capture experimental data, shedding light on the peripheral vision and coordination of video game players.

Projects ([Github Profile Link](#))
To-Do List Site
Personal Project: Nov 2023-Present [Github](#)
- Includes mechanisms to add and remove tasks, count completed tasks, and move tasks up and down.
- Utilizes Javascript, React-Bootstrap, Node.js, Express.js

Personal Portfolio Website (rayhanmoh.netlify.app)

Personal Project: March 2024-Present
- Built a personal portfolio website to showcase my background and house my projects.
- Utilizes HTML, CSS, Javascript

Skills and Certifications
Technical Languages + Tools
- Java, Javascript, Python, React, REST APIs, Node, NumPy, C++, SQL, R, MATLAB, MS Office Tools

Certifications
- CITI: Responsible Conduct of Research, CITI: Social and Behavioral Research, Intro to MATLAB

Relevant Coursework
- Data Structures + Algorithms, Intro to Object Oriented Programming (Java), Database Design and Management(in progress), Differential Equations, Linear Algebra(in progress), Calculus III(in progress), Probability + Statistics, Discrete Mathematics (in progress), Intro to Information Systems