HAITHAM AWAD

HAITHAMAWAD.COM

haitham2004xx@gmail.com   (908) 477-6875

Education

New Jersey Institute of Technology, Albert Dorman Honors College   **September 2022 - Expected May 2025**
Bachelor of Science in Computer Science, GPA: 4.0
Relevant Coursework: Data Structures and Algorithms, Discrete Mathematics, Compiler Design, Calculus III

Experience

New Jersey Institute of Technology   **July 2023 - Present**
Web Developer
- Develop visually appealing and highly functional websites using HTML, CSS, and JavaScript.
- Ensure a seamless user experience by optimizing adaptability across various screen sizes, from mobile devices to large monitors.

Visual Perception Lab   **May 2023 - September 2023**
Research Assistant
- Used Javascript, HTML, and CSS to develop a maze game to gather data for peripheral vision research.
- Dramatically increased efficiency by allowing for remote data collection.
- Automated analysis of maze metrics such as complexity and path length.

All Star Code   **July 2020 - August 2020**
Scholar
- Selected to be one of 50 participants out of 1,000 applicants to take part in the free program to introduce Black and Brown men to the professional world.
- Mentored by JPMorgan Chase employees in professional development and programming.

Projects

Among Us Voting Aid   **June 2023**
- Utilized game theory and Python to aid players in making crucial decisions in the popular video game *Among Us*.
- Users input specific game conditions and receive instructions on how to proceed in their game.

Perl-Like Language   **May 2023**
- Developed a lexical analyzer, parser, and interpreter using C++ for a custom Perl-like language.
- Users input a code file and are returned the output text or error messages.

Water Usage Calculator   **August 2020**
- Worked with team to create an application that allows users to track their environmental footprint.
- Utilized JavaScript, HTML, and CSS.

Extracurriculars

Peer Mentor   **June 2023 - Present**
- Lead new NJIT students during their first year of college, ensuring a smooth transition from high school.
- Advise them on topics such as classes and basic career development.

Computer Programming Club, President   **September 2021 - June 2022**
- Grew membership from 25 to 45 by launching hands-on coding projects that are accessible to all skill levels
- Ran club meetings and created programming problems for members

Awards

Eagle Scout, Troop 63   **May 2022**
- Led scouts in installing plant identification signs and planting flowers in the local high school courtyard for Eagle Project.
- Earned 21 merit badges including Personal Management, Communication, and Personal Fitness.

Trans Options Annual Hydrogen Car Challenge   **December 2021**
- Designed and built a car powered by hydrogen fuel cells. Explained design and mechanics to judges and audience.
- Placed 3rd in the county amongst hundreds of participants.

Skills

Languages: Python, Java, C++, C, HTML, CSS, JavaScript
Libraries & Frameworks: ReactJS, Bootstrap
Other: Git, Github, Adobe Premiere Pro