

HAITHAM AWAD

HAITHAMAWAD.COM

haitham2004xx@gmail.com

(908) 477-6875

EDUCATION

New Jersey Institute of Technology, Albert Dorman Honors College	Newark, NJ	September 2022 – Present GPA: 4.0/4.0
---	-------------------	--

Bachelor of Science, Computer Science

Expected Graduation Date: 05/2025

- **Relevant Coursework:** Programming Language Concepts, Data Structures and Algorithms, Discrete Mathematics, Statistics, Calculus II

EXPERIENCE

<i>Web Developer</i>	July 2023 – Present
----------------------	----------------------------

New Jersey Institute of Technology

- Develop visually appealing and highly functional websites using HTML, CSS, and JavaScript.
- Achieved seamless adaptability across diverse screen sizes, optimizing user experience on mobile devices to large monitors.

Research Assistant

May 2023-Present

Visual Perception Lab

- Use Javascript, HTML, and CSS to develop 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.

Scholar

July 2020-August 2020

All Star Code

- 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 entrepreneurship, coding, and professional training.
- Collaborated with 3 peers to program a water usage calculator that helps individuals track their water usage.

PROJECTS

-
- **Perl-Like Language (2023):** Used C++ to develop a lexical analyzer, parser, and interpreter for a custom Perl-like language. Users input a code file and are returned the output text or error messages.
 - **Water Usage Calculator (2020):** Worked with team to create application that allows users to track their environmental footprint. Utilized JavaScript, HTML, and CSS.

LEADERSHIP EXPERIENCE

-
- **Peer Mentor (Present):** Lead new NJIT students during their first few weeks of college. Advise them on topics such as classes and basic career development.
 - **Computer Programming Club President (2021-2022):** Grew membership from 25 to 45 by launching hands-on coding projects that are accessible to all skill levels
 - **Boy Scouts Patrol Leader (2018-2022):** In charge of over six scouts. Mentored younger scouts.

AWARDS

-
- **Eagle Scout, Troop 63:** Led scouts in installing plant identification signs and planting flowers in the local high school courtyard for Eagle Project. Earned 21 merit badges including first aid and personal fitness.
 - **Trans Options Annual Hydrogen Car Challenge, 3rd Place in County:** Designed and built a car powered by hydrogen fuel cells. Explained design and mechanics to judges and audience. Placed 3rd in county.

LANGUAGES AND TECHNOLOGIES

-
- Java, C++, C, JavaScript, Python, HTML, CSS, Adobe Premiere Pro, Adobe After Effects.