Issam Alzouby

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Education:

University of North Carolina at Charlotte, Charlotte, NC | May 2025 | GPA: 3.89
Bachelor of Science in Computer Science | Concentration: CyberSecurity

Technical Skills:

Languages: Swift, Python, CSS, JavaScript, HTML, Lisp, SQL, Java | **Human Languages:** English, Arabic, Spanish
Softwares: VS Code, Excel, XCode, MIT App Inventor

Professional Experience:

UNCC Ai Lab - Research Assistant **(August 2023-Present)**
- Developed a lab website, enhancing online visibility and engagement, by utilizing HTML, CSS, and JavaScript.
- Implemented software and hardware tools to assist the research team, streamlining research processes.
- Optimized training pipelines in order to run on mobile devices.
- Converted Pytorch models to CoreML, enabling the use of Apple's NPU for enhanced performance on iOS devices.

(Maritime Security)MTS-ISAC - Cyber Analyst Intern **(March 2023 - May 2023)**
- Produced critical indicator bulletins, elevating threat awareness, by analyzing maritime transportation threat activities.
- Identified malware variants using OSINT, enhancing threat response, through detailed cyber threat analysis.
- Analyzed IPs used to conduct O365 and VPN spraying attacks, employing OSINT tools to understand historic trends associated with an IP, bolstering cyber defense strategies.

Projects:

NC-State Hackathon **(February 2024)**
- Placed 1st in the competitive programming contest. My team also placed 2nd in our track.
- We proposed a solution to eliminate racial bias in facial recognition models. Utilizing Swift, NodeJS & Monga Atlas DB for our iOS app. Our website was built using HTML, CSS and JS, allowing us to present our project to the world.

NASA Hackathon **(October 2023)**
- Secured 2nd place in the North Carolina competition, demonstrating exceptional teamwork and technical aptitude, by developing a website and sonifying solar and lunar data using radio telescopes.

Certifications

JavaScript Algorithms and DataStructures FCC	**Dec 2023**
Stanford Cryptography 1 : SOE-Y0001	**May 2023**
MIT CyberSecurity for Critical Urban Infrastructure	**Apr 2022**
Microsoft Excel Professional Certification	**Jan 2020**

Extracurricular Activities:

UNCC CyberSecurity Club Member	**(2021-Present)**
UMR Events Manager	**(2021-Present)**
MAS Youth Leader	**(2020-present)**
Building Drones and 3D printing components	**(2020-Present)**
Aerowood Aviation Pilots School	**(2020-Present)**