MAJD HADDAD

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EDUCATION

Bachelor of Science, Computer Science, University of Maryland, College Park   Expected May 2025
GPA: 3.55
Relevant Coursework: Machine Learning, Algorithms, Linear Algebra, Data Structures, Data Science, Artificial Intelligence, Object Oriented Programming, Introduction to Computer Systems

SKILLS

Technical Skills	Java, C++, C, C#, Python, Assembly, Linux, HTML, CSS, JavaScript
Frameworks	React, Node.js, Express, MongoDB, Blazor, MVS, ASP.NET, Bootstrap
Backend	Firebase (authentication, real-time database), Azure, SQL
Cybersecurity	Okta, LDAP, OAuth, SAML

EXPERIENCE

Software Engineering Intern   Jun 2024 – Aug 2024
The Text Hub, Houston, TX

- Designed and deployed an API and Azure Function to migrate student test scores from SQL Server to Azure SQL Database, ensuring data integrity and preventing data loss for thousands of users.
- Developed a robust authentication mechanism with email confirmation and secure callback systems to ensure authorized user access.
- Built a placement assessment tool with AI-generated student excerpts and questions, implementing both front-end and back-end functionality to assess thousands of students.
- Conducted bi-weekly progress reviews in an agile environment, strengthening communication and critical thinking skills.

Cybersecurity Intern   Jul 2023 – Aug 2023
Tsoftek, Remote

- Specialized in Identity and Access Management (IAM) using Okta, improving data security and mitigating risks.
- Gained hands-on experience with configuration of access controls and learned LDAP, OAuth, and SAML protocols to safeguard sensitive information.

PROJECTS

ANTS – Automated Identification & Mapping of Ant Joints (Capstone Project)

- Developed an AI tool using Python scripting, Blender API, and DeepLabCut to automate the identification and mapping of ant joints from 3D scans.
- Leveraged deep learning and computer vision to process malformed ant models into poseable digital models.
- Reduced a 6-month manual process to minutes, benefiting researchers, animators, and robotics engineers.

Flight Tracker Project (JS, EJS, HTML, CSS, Express, REST)

- Developed a dynamic web app that enables users to view real-time flight data from an API.
- Implemented features for users to access airline information, and manage flight bookings and cancellations.
- Utilized RESTful services and integrated data from third-party APIs for real-time updates.