

Ahmed Madani

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EDUCATION

Western Governors University | Salt Lake City, Utah

Expected May 2025

Master of Business Administration

The Ohio State University | Columbus, Ohio

Bachelor of Science in Information Systems, GPA: 3.5

Relevant Coursework: Software Development & Design, Discrete Mathematics, Linear Algebra, Foundations of Discrete Structures, Data Structures & Algorithms (Java), Business Strategy & Opt, Marketing, Product Design & Mgt

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, HTML, CSS, C++ , C#, Figma, SQL, DevOps, Agile, Excel, OnBase

Software: Eclipse, Visual Studio, GitHub, CoPilot, Azure AI Studios, Access Database, Jira, Asana

CodePath – Internship Connection Program: Successfully completed a 10-week technical programming course, connected with industry leaders while solving complex coding problems

WORK EXPERIENCE

Noridian Healthcare Solutions

August 2023

IT Software Development Intern

- Optimized and developed **C#** scripting, dynamic web pages, **SQL** reporting and other Integral logic components **increasing document processing efficiency by 40%**
- Organized, Lead and participated in daily **Agile** standup/scrums meetings, steering project deployments and critical bug assessments within **DevOps**

Seminat Inc

June 2023

Software Engineer Intern

- Engineered and constructed comprehensive full stack gaming website using **Python, React, Html & CSS (Tailwind)** within Client and Server-side **increasing customer retention by 25%**
- Collaborated and engaged in weekly engineering department and scrum meetings contributing to an interdisciplinary team deploying company tasks

PROJECTS

Guild Gaming Website (Python, React, HTML and CSS (Tailwind) –

- Launched gaming website, facilitating user interaction and competition. The platform supports real-time multiplayer matches and tournaments
- Integrated advanced features supporting seamless experience providing user engagement and fostering a competitive gaming environment

Route Optimization Program (Shortest Path Algorithm) (Java, Eclipse)-

- Engineered and implemented an advanced route optimization software using Java that computes the shortest path between cities within a graph-based model.
- Incorporated Dijkstra’s algorithm for shortest path calculation in a simulated airline routing system

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Google Student Developer Clubs (GSDC)

October 2023 – Present

Co-Founder / Treasurer

- Drove the adoption of emerging technologies such as AI, machine learning, and cloud computing
- Innovated technical workshops and collaborative projects, preparing members for future technological shifts

Management Leadership for Tomorrow

November 2023 – Present

Career Preparation Fellow: Software Engineering Program

- Accepted into a selective 18-month professional development program for high-achieving diverse talent
- Complete business case studies and assignments to grow leadership and technical skills

VOLUNTERING: National Society of Black Engineers (NSBE) (Mentor), ColorStack (Mentor), Inroads (Mentor/Member),

ADDITIONAL SKILLS AND INTERESTS

Arabic (Fluent), ted talks, cybersecurity, product management, and entrepreneurship