

Ezzaldeen Hamdan - AI Engineer

Email: devezham@gmail.com | GitHub: [EzzoHamdan](#) | Portfolio: [Project-9](#) | LinkedIn: [Ezzaldeen Hamdan](#)

Address: Suleiman Al Assaf St, Tlaa Al-Ali, Amman, Jordan | Phone Number: +962795601612

Education

B.Sc. in Computer Science – Al-Ahliyya Amman University, Amman, Jordan

Oct 2021 – July 2025

Excellence GPA of 3.69 (2nd in cohort) | Active member of the AAU IT & DSAI Clubs

Experience

Rotational Internship, the Islamic International Arab Bank, Amman, Jordan

Aug 2024 – Sep 2024

Gained insight into the banking industry's IT theoretical frameworks and best practices across 11 IT departments.

- **IT Operations & Database Administration departments:** Involved with backup processes, tape management (LTO), and card issuance. Assisted in Oracle 21c installation and learned Oracle Real Application Clusters.
- **Quality Control & Security departments:** Worked with IT Quality Control on testing cycles and reporting, explored the iMAL system, and was exposed to security frameworks for intrusion prevention and ArcSight.
- **Systems Development & Digital Dev departments:** Gained insights into the Software Development Life Cycle, database management, and middleware integration, including APIs and mobile platforms.

Featured Projects

Graduation Project; Uni-Archives: C# – ASP.NET – Bootstrap – JavaScript – MS SQL

Oct 2024 – Feb 2025

A platform to help students share and access academic resources while earning revenue for their contributions.

- Led a team of three in developing the platform, managing design, functionality, and meeting deadlines.
- Incorporated Google AdSense and Payment API for revenue generation and secure payment processing.
- Integrating the Tesseract OCR library and the ChatGPT API for AI-driven discussions on submitted materials.

MCP Web Content Server: Python.

2025

A lightweight server tool to fetch and stream website content via MCP transport protocols (STDIO/SSE).

- Built a command-line server app using click, anyio, and httpx with support for streaming and full-content modes.
- Implemented tools for content fetching and chunked delivery to support token-aware applications.
- Designed tool listing and dynamic URL validation for secure and efficient content processing.

SecureScope: Python.

2025

A Machine Learning-powered Intrusion Detection System designed for real-time monitoring and threat detection.

- Captures and inspects live network traffic using PyShark for continuous analysis.
- Employs a LightGBM-based machine learning model trained to detect anomalies and malicious patterns.
- Dual-layer security approach, combining detection with ML and IP files with AbuseIPDB API for real-time validation.

Workshops & Certifications

GitHub Foundations Certificate – GitHub

May 2025 – May 2028

Achieved certification with an 80% score, covering repositories, collaboration, project management, and best practices.

Agentic AI Certificate – SHAI

2025

Earned certification on the principles, design, and development of AI systems with autonomous, goal-directed behavior.

BCML-2025 Seminar – Al-Ahliyya Amman University

2025

Attended a seminar on blockchain, cybersecurity, and machine learning featuring expert talks and panel discussions.

French Language Diploma (A) – JUGate

2024

Finished 160 hours of intensive, A-level French diploma with honors, covering grammar, terminology, and cultural context.

EF SET English Certificate (C2 Proficient) – EF

2023

Achieved C2 proficiency in English, demonstrating advanced reading and listening comprehension skills.

Skills & Languages

Technical Skills:

- **Programming Languages:** JavaScript, Java, C#, Python.
- **Frameworks, Database & Version Control:** ASP .NET, Bootstrap, MySQL, Git.

Soft Skills:

Project Management – Decision-Making – Leadership – Problem-Solving – Teamwork – Creativity – Persuasion – Interpersonal Skills – Willingness to Learn – Innovation – Critical Thinking – Cross-Cultural Communication.

Please visit my LinkedIn, portfolio, or GitHub for a comprehensive overview of my qualifications, including projects, code samples, certifications, and additional materials. All information is available upon request. I look forward to the opportunity to discuss further.