

Fatima Hijazi

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Summary

Motivated Computer Science student with experience in full-stack development and AI-powered systems. Skilled in Python, SQL, and web technologies, with hands-on practice in building autonomous systems and supporting academic instruction. Seeking to contribute to Apliman's Full Stack Internship by applying a strong foundation in software engineering, API design, and database development. Eager to grow within a professional telecom environment and participate in real-world system design through the TAKADDOM Internship Program.

Projects and Experience

Senior Project: Autonomous Multilingual Object Retrieval Robot (BilBot)

Global University

- Designed and developed an autonomous robotic system capable of processing multilingual voice commands, detecting objects, and executing precise retrieval operations.
- Leveraged the OpenAI API for seamless voice transcription and image-based object recognition, integrating Python for control logic and decision-making.
- Built simulation environments to model diverse real-world conditions, enabling systematic training and performance validation of autonomous behaviors.
- Conducted structured testing and optimization cycles to enhance system reliability and accuracy across varying scenarios.

Teaching Assistant (Internship)

Global University | Spring 2025

- Supported instruction for Enterprise Database and Software Engineering courses.
- Developed supplementary learning resources, organized coding exercises, and provided technical assistance to students.

Education

Bachelor of Science in Computer Science (In Progress)

Global University, Lebanon

Expected Graduation: June 2025

Relevant Coursework: Software Engineering, Database Systems, Data Structures, Artificial Intelligence, Machine Learning

Technical Skills

- **Programming Languages:** Python, C#, SQL, HTML/CSS
- **Testing & Debugging Tools:** Git, Visual Studio, Jupyter Notebook, OpenAI API
- **Core Concepts:** Algorithm Implementation, Simulation, Data Preparation, Debugging
- **AI & Systems:** Natural Language Processing, Agent-Based Systems, Reinforcement Learning
- **Soft Skills:** Communication, Teamwork, Problem Solving, Technical Writing

Certifications

- AI Fundamentals (Cisco, IBM)
- Career Essentials in Generative AI (Microsoft & LinkedIn)
- Reinforcement Learning, NLP, and Generative AI Fundamentals (LinkedIn Learning)
- Introduction to Data Science (Cisco)
- Introduction to Artificial Intelligence and Prompt Engineering (LinkedIn Learning)
- Cybersecurity Foundations (Cisco: Introduction to Cybersecurity, Ethical Hacker, LinkedIn Learning: The Cybersecurity Threat Landscape)
- IT and Networking (Cisco CCNA: Introduction to Networks, Cisco IT Essentials)
- Programming (Cisco: Python Essentials 1)
- Ethics in AI (LinkedIn Learning: Ethics in the Age of Generative AI)
- Project Management Foundations (PMI, NASBA, LinkedIn Learning)
- Productivity and Microsoft 365 AI (LinkedIn Learning: Streamlining Your Work with Copilot, Learning Microsoft 365 Copilot)