

Zoulfikar Malak

Beirut, Lebanon | +961 81 890 911 | zoulfikarmalak@yahoo.com | <http://linkedin.com/in/zoulfikar-malak>

EDUCATION

From 2024 to Present	American University of Science and Technology Bachelor of Computer Science Expected Date of Graduation: 2027 Relevant Courses Taken: <ul style="list-style-type: none">- Introduction to Computing (Python)- Object-Oriented Programming (Java)- Software Engineering and System Design- Computer Ethics & Society	Beirut, Lebanon
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PROJECTS

- **Hospital Management System (Java) (CSI 250)**
Developed a GUI-based hospital management system using Java Swing and SQLite, featuring patient record management, appointment scheduling, and billing functionalities. Implemented role-based access control for secure user operations and integrated automated reporting tools to streamline administrative and clinical workflows.
- **Personal Portfolio Website (HTML/CSS/ JS) (Personal Project)**
Self-learned and developed a fully responsive personal portfolio website using HTML, CSS, and JavaScript, featuring dark/light mode, smooth animations, and SEO optimization. Improved page speed by around 40% through lazy loading and code optimization, implemented a honeypot for spam prevention, and deployed the site on AWS S3 with Cloudflare CDN, secure bucket policies, and a custom domain.
- **Personal Finance Manager (C++) (CSI 205)**
Developed a menu-driven command-line (CLI) expense tracking application in C++, enabling users to efficiently manage budgets, perform fund transfers, and generate detailed financial summaries. Designed with a focus on usability and modularity, the system streamlines personal finance tracking through an intuitive text-based interface.

CERTIFICATIONS

- **IT Essentials: PC Hardware and Software – Cisco**
Gained hands-on experience in computer hardware, software installation, system troubleshooting, and basic networking.
- **CCNA: Introduction to Networks – Cisco**
Acquired foundational knowledge of networking concepts, including configuration and troubleshooting of routers, switches, and network protocols.
- **Python Programming – Certiport**
Developed practical skills in Python for coding and problem-solving using structured programming concepts.

SKILLS

- **Technical Skills:** Python, C++, Java, HTML, CSS, System Architecture & Design, SQL, Advanced SQL, Access.
- **Soft Skills:** Analytical thinking, effective problem-solving, debugging, collaboration, adaptability, and teamwork.
- **Languages:** Arabic (native) and English (fluent).