

Laith Amro

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EDUCATION

Birzeit University — Palestine, West Bank	2023–Present
B.S. in Computer Science	
• Courses: Data Structures, Algorithms, Database Systems, Web Development, Software Engineering, Computer Networks, Operating Systems, Artificial Intelligence	

PROJECTS

Abaad Contracting Management System — Database / Backend System	2026
• Designed and implemented a Flask-based database management system for a contracting company.	
• Managed projects, employees, clients, and suppliers using relational database design with analytics support.	
SQL Schema to UML — Web Tool (TypeScript / Vite)	2026
• Paste SQL DDL (CREATE TABLE / ALTER TABLE) and get a UML-style relationship diagram with relations.	
• Parses CREATE TABLE statements; detects primary keys, unique constraints, and foreign keys; renders a draggable diagram with multiplicity labels.	
Image Processing API — Backend Web API (Node.js / TypeScript)	2025
• Developed a RESTful web API for image manipulation operations including resize, crop, and format conversion.	

CERTIFICATIONS

Udacity — JavaScript Full Stack Developer Nanodegree

Udacity — AI Programming with Python and TensorFlow Nanodegree

TECHNICAL SKILLS

Languages (ordered by proficiency): Java, Python, SQL, JavaScript, TypeScript, C

Tools and Frameworks: Git, React, Node.js, MySQL, Jupyter, Linux, PyTorch, Matplotlib

RELEVANT EXPERIENCE

Available for opportunities	Present
Software Engineering, AI/ML, Full-Stack Development, Data Science	

LEADERSHIP EXPERIENCE

International Model United Nations — Honorable Mention Award	Feb 2023
IEEE Xtreme Programming Competition — Participant	2024–2025