

Education

Birzeit University B.A. in Computer Engineering Mar 2021 - Feb 2026

Key Coursework: Object Oriented Programming, Computer Networks, Algorithms and Data Structures, Databases, Artificial Intelligence, Operating Systems, Advanced Digital, Linux Laboratory, Assembly Laboratory.

Professional Experience

Backend Development Internship Oct 2024 - Mar 2025
Asal Technologies

- Participated in a backend development internship focusing on building RESTful APIs using Java Spring Boot and MySQL.
- Gained hands-on experience designing scalable backend systems and integrating databases for efficient data storage and retrieval.

Frontend Development Course Aug 2023 - Feb 2024
Knowledge Academy

- Enrolled in a course that lasts for a year where I was taught Frontend development building projects.
- Built a Frontend Project using mainly HTML, CSS, Javascript and ReactJs
- After completing the first part, I am confident in frontend development and interface creation.

Projects

Sale Management System [\[GitHub\]](#) Jan 2024

- Developed visualizations to monitor and analyze sales performance by tracking daily orders and total sales volume per product category.
- Created a dashboard to track inventory levels for each item, focusing on expiration dates and quantity thresholds, ensuring timely restocking.
- Designed visualizations for monitoring cash flow, including debt tracking and payment history with merchants, helping to ensure that all financial transactions and outstanding balances are up to date.

Computer Networks Project [\[GitHub\]](#) Dec 2023

- Developed socket-based web server in Python; dynamic content serving on a localhost, supporting HTML, CSS, images, redirects.
- Was mainly responsible for implementing server logic development, error handling and request logging.
- Used Python for its strong network programming capability and simplicity in handling web content.

Matrix Multiplication OS Project May 2023

- The project involves implementing matrix multiplication with various methods: naive, parallel, joinable threads, and detached threads.
- It compares execution times across different process or thread configurations to find the optimal setup. The goal is to determine the best number of processes or threads by evaluating CPU cores, memory constraints, and execution time.

Technical Skills

Programming languages: C, C++, Python, Java, SQL, HTML & CSS, Java Script, Shell.

Framework: Familiar with ReactJS & Jupyter NoteBooks, Git, GitHub.

Volunteer Experience, Honors, Awards and Competitions

- Served as an instructor for a 3-day JavaScript Bootcamp organized by GDG on Campus – Birzeit University, guiding students through hands on coding sessions and promoting peer-to-peer learning.
- IEEEExtreme #18(2024): 47th worldwide, 5th in Palestine, 2nd at Birzeit University with 8000+ participating.
- CTF #1(2025): 6th at Birzeit University with 50+ participating