

Work Experience

GreaTeck - Game Web Developer Intern

June 2025 - July 2025

- Developed an endless runner game using **Phaser.js** with core gameplay features.
- Gained experience in **Git**, **debugging**, and leveraging **AI tools** for development.

Education

Lebanese American University

2023 – 2026

Bachelor of Science in Computer Science; CGPA: 3.5/4.0

Enrolled on a full merit and leadership scholarship funded by USAID

Projects

- **AI-Powered UAV Decision-Making for Disaster Relief:** Co-authored a research paper published at the CNCC on reinforcement learning–based UAV fleet coordination, improving routing, efficiency, and mission success.
- **L-CAST: Smart Tourism Platform for Lebanon:** Developed a cross-platform tourism mobile application using React Native, Node.js, FastAPI, and PostgreSQL/PostGIS. Implemented real-time weather-aware recommendations, social features, crowdsourced locations, and Google Maps navigation within a containerized full-stack architecture.
- **EcoTrace: AI-Powered Greenwashing Detection System:** Developed an AI-based application for detecting greenwashing in ESG reports using ClimateBERT, RAG, and NLP techniques. Implemented automated claim verification, risk scoring, and explainable sustainability analysis through an interactive web interface.
- **School Management System:** Worked with a university team to design an ER diagram, convert it into a relational database schema, populate it with sample data in Oracle DB, and apply normalization to minimize redundancy.
- **Car Dealership Website:** Collaborated with a university team to design a responsive car dealership website, implementing the frontend using HTML, CSS, and JavaScript to ensure a user-friendly interface.

Certificates & Bootcamps

- **The AIEngineers Program:** A program for AI enthusiasts where it offers comprehensive AI and ML courses
- **Web Development Course:** A Udemy course covering both frontend and backend development.
- **42 Piscine** – Intensive 4-week bootcamp focused on C programming, Git, and Shell scripting through project-based, peer-to-peer learning.
- **Training – Ministry of Finance:** Exposure to network infrastructure and cybersecurity operations in a real-world governmental environment.
- **Samsung Innovation Campus – Artificial Intelligence:** Completed an intensive AI program covering machine learning, deep learning, computer vision, and natural language processing.

Volunteer Work

- **Tutor, Lebanese American University:** Tutored students in Discrete Structures and OOP.
- **Researcher, Life Sculptor:** Conducted research on technology, coding, self-development, and career-related topics for workshops.
- **Head of Life Coders Club, Life Sculptor:** Led a club of 40+ members by organizing initiatives and events.

- **Research Moderator, InnovaThrive:** Reviewed and proofread technology research documents for clarity, accuracy, and professionalism.

Technologies and Languages

- Languages and Frameworks: Java, Python, C, JavaScript, SQL, Node, Express, React
- Technologies: Linux, Git

Languages

- Arabic (Native)
- English (Proficient)