

Reine Zeineddine

Beirut, Lebanon

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EDUCATION

American University of Beirut (AUB), BS in Computer Science

Sep 2023 – Jun 2026

- **GPA: 4.0/4.0**, (Honors List)
- Activities and societies: Computer Science Students Society. Mathematics Society

SSCC Hadat, Bac Libanais – Science Générale

Sep 2022 – Jun 2023

- Grade: Very Good

PROFESSIONAL EXPERIENCE

American University of Beirut (AUB), Web Developer Assistant, Part-time

Feb 2024 – May 2024

- Adjust the current XSL for Curriculum Advising and Program Planning (CAPP), enhancing the degree evaluation module's efficiency and user interface in the AUBsis system.
- Modified a portion of the AUBsis degree evaluation software, enhancing system efficiency and dependability for academic staff and students.

CME, Full Stack Web Developer, Internship

July 2025 – August 2025

- Developed responsive user interfaces using React and JavaScript for the frontend, and built RESTful APIs with PHP Laravel on the backend.
- Managed Agile workflows and version control via Jira and Azure DevOps, handling backlog grooming, sprint planning, and collaborative code sharing.

EXTRACURRICULAR EXPERIENCE

Oum el Nour, Volunteer

May 2022

- Worked with a non-governmental organizational focused on decreasing addiction levels and increasing understanding of substance misuse in Lebanon

PROJECTS

Battleship Game in C, Console-Based Game Development

- Designed and implemented a console-based Battleship game using C language, allowing for both two-player and single-player (AI bot) modes.
- Implemented advanced features with strategic components and difficulty settings in order to increase gameplay complexity and user engagement.

Defi Hub – No-Code Cryptocurrency Creation Web App

- Collaborated on a full-stack decentralized finance web application to enable users to create their own cryptocurrency without writing code.
- Developed APIs using Python Flask to integrate frontend interfaces with backend logic and manage user requests securely.

Masroof, – Expense Tracker with CME

- Built a fast, responsive frontend using React.js, Tailwind CSS, and Shadcn UI, with a focus on clean, modular and optimized code for seamless user experience across devices.
- Developed a robust backend in Laravel (MVC), implementing JWT-based authentication, and full CRUD functionality including recurring expenses and receipts uploads, backed by PostgreSQL.
- Implemented real-time notifications using Laravel Reverb and event Broadcasting to enhance user interaction for household invitations, expenses updates, and role assignments.

Glucomate – AI-Powered Diabetic Care Chatbot (Amazon Mentorship)

- Built a responsive multilingual web app using React.js and Flask, delivering real-time, accessible diabetic care with features like medication reminders, diet recommendation and symptom tracking.
- Designed a backend using MVC architecture in Flask, integration secure user authentication, dynamic chatbot prompts.
- Used AWS infrastructure: used RDS for database management and Bedrock for AI chatbot integration.

SKILLS & PERSONAL INTERESTS

Certificates: SAT, Cisco Certificates for Python Essentials, Introduction to Data Science, AI Fundamentals with IBM SkillsBuild, CME Cyber Security Workshop, Amazon Machine Learning Bootcamp

Languages: Arabic (native), English (fluent), French (fluent).

IT: Office Package (Word, Excel, PowerPoint, Access), Java, C, C++, XML, XSL, React, Laravel, Flask

Interests: Music, philosophy, and poetry

