

Objective

I am eager to gain hands-on experience, collaborate with talented professionals, and kickstart my career in software development.

Experience

AWS Academy

April 2024 – June 2024

Cloud Computing Trainee

- Completed comprehensive training on core AWS services, including EC2, S3, IAM, and Lambda
- Gained hands-on experience through labs and real-world cloud computing exercises
- Earned the AWS Certified Cloud Practitioner certification by applying acquired knowledge

42 Beirut

March 2024 – April 2024

Piscine Participant

- Completed an intensive 4-week coding program, mastering C, shell scripting, and Git
- Strengthened problem-solving skills through algorithmic challenges and peer-based learning
- Adapted to self-learning environment, evaluating and collaborating with peers to improve code quality

Education

42 Beirut

June 2024 – Present

Core Curriculum in Computer Science

- Engaged in a rigorous, project-based curriculum focused on problem-solving and algorithmic thinking
- Utilized Git for version control, ensuring smooth collaboration and efficient code management

Lebanese University

August 2021 – July 2024

Bachelor's degree in Computer Science

- Built a strong foundation in data structures, algorithms, databases, and software development

Projects

Transcendence

Full-Stack Multiplayer Pong Platform | TypeScript, Fastify, SQLite, TailwindCSS, WebSockets, OAuth, 2FA

- Built a secure multiplayer Pong platform supporting tournaments, friend systems, 2FA, and OAuth login (Google).
- Architected Fastify backend with REST API and WebSocket server for real-time gameplay, match history, and tournament management.
- Implemented tournament system with bracket generation, rounds progression, and leaderboard.
- Integrated email verification with SMTP, JWT authentication with refresh tokens, and 2FA using authenticator apps.
- Developed a responsive frontend using TypeScript and TailwindCSS without frameworks, ensuring clean UI and cross-device compatibility.

- Deployed using HTTPS/WSS locally with mkcert for secure development and testing.
- Practiced clean architecture, database design, and advanced debugging (network testing, CORS, token management).

Minishell:

- A custom Unix-like shell from scratch in C, supporting features such as command execution, piping, and error handling, enhancing system-level understanding of Linux internals.

Certificates

Python Piscine for Data Science

March 2025

- Explored essential concepts like data tables, arrays, DOD, and OOP, which deepened my understanding of Python and problem-solving.

AWS Certified Cloud Practitioner

July 2024

- Gained comprehensive understanding of core AWS services and cloud architecture

Technical Skills

- **Programming Languages:** C, C++, Java
- **Web Development:** HTML, CSS, React.js, Spring boot
- **Databases:** SQL, MySQL, SQL Server
- **Version Control:** Git, GitHub

Awards & Achievements

Entrepreneurship Program Funding Prize

March 2023

- Successfully completed a year-long training in Design Thinking, Business Development, and Financial Planning.
- Awarded the Funding Prize for developing the best business model, demonstrating innovation, strategic vision, and entrepreneurial excellence.