

Lynn Hammoud

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EDUCATION

American University of Beirut, Beirut

2023-May 2026

Bachelor of Science in Computer Science, CGPA : 3.6/4.0

Awarded Higher Education Scholarship (fully funded)

Logistics Team Leader at Google Developers Group on Campus

Relevant course work: Operating Systems, Cloud Computing, Cyber Security, Database Management

PROFESSIONAL EXPERIENCE

Amazon Web Services, Remote Apprenticeship

May 2024

Backend developer

- Developed a cloud-based food donation website under direct mentorship from Amazon Engineers
- Integrated serverless backend services using AWS Lambda and API-based interactions
- Designed NoSQL database queries and managed data storage using Amazon DynamoDB.

Serv2B, Remote Internship

Dec 2025

Backend developer

- Designed and implemented a subscription management system integrating third-party services such as Stripe.
- Developed backend logic in Python to manage subscription lifecycle events including creation, updates, and cancellations.

PROJECTS & EXTRACURRICULAR

Extending the xv6 Operating System Kernel

Nov 2025

- Modified the xv6 educational Unix-like operating system by implementing new system calls and shell utilities.
- Developed file system tools including recursive file search and directory tree visualization.
- Designed and implemented an advanced process scheduling algorithm to replace the default round-robin scheduler.

Executive Team Member at All Girls Code (Award Winning Initiative)

April-August 2025

- Collaborate with team members to plan educational sessions on programming and technology topics.
- Delivered programming education sessions to 100+ participants both in-person and online.

SKILLS

Programming languages: Java, python, C++

Computer software/ frameworks: AWS services, Git, GitHub, Jira\Trello, Supabase , MySQL, flask, terraform, Linux (Basic command line)

Languages: Arabic (Native), English (Bilingual proficiency)