Mohamad Nasrallah

+961 81 723 190 | nasrallahmohamad@hotmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

American University of Beirut — Beirut, LB
B.E. in Computer and Communications Engineering — *Sep. 2023 – Jun. 2027*

- **Notable Courses:** Introduction to Machine Learning, Software Engineering, Data Structures and Algorithms

Saint Vincent De Paul — Beirut, LB
Lebanese Baccalaureate (High Distinction: 16.8/20) — *Sep. 2008 – Jun. 2023*

EXPERIENCE

Events Director — Sep. 2025 – Present
Engineering Student Society - AUB — *Beirut, LB*

- Leading execution of academic & technical events, increased student engagement by 70%.
- Coordinated cross-department collaboration, logistics and promotion for full-capacity sessions.

Treasurer - Student Representative Committee (SRC) — Oct. 2025 – Present
MSFEA - AUB — *Beirut, LB*

- Representing 550+ engineering students; lead initiatives supporting internships & academic success.
- Collaborate with faculty to address student demands and improve student services.

IEEE Xtreme Co-Lead (Lebanon Region) — May 2025 – Oct. 2025
IEEE International — *Lebanon*

- Managed 16 ambassadors to deliver workshops & support 20,000+ IEEEXtreme participants globally.
- Ensured communication and contest-readiness across student branches in Lebanon.

PROJECTS

Career Coach Web Application — Sep. 2025 – Dec. 2025
AUB Engineering — *Beirut, LB*

- Built an LLM-powered platform using React + Django with Azure OpenAI for skill extraction & recommendations.
- Deployed Dockerized microservices on Kubernetes (Minikube) for scalable model inference.
- Implemented Jenkins CI/CD with automated tests and dockerized builds.

Local Offline LLM (RAG + Ollama) — Sep. 2025 – Dec. 2025
AUB Engineering — *Beirut, LB*

- Developed offline RAG pipeline using local embeddings & JSONL vector store for semantic retrieval.
- Built Flask APIs enabling private question answering over PDFs, Word & Excel.
- Implemented guardrails to reduce hallucination & mitigate prompt-injection attacks.

AUB Registrar – Course Registration System — Jan. 2025 – Apr. 2025
AUB Engineering — *Beirut, LB*

- Implemented Python client-server system with role-based authentication.
- Optimized concurrent enrollment updates using socket programming.
- Enabled reliable real time admin–student communication.

VOLUNTEERING

Co-Founder – Helping Others Initiative — Sep. 2024 – Dec. 2024
Beirut, LB

- Supported 300+ families and helped raise $12,000+ through donation logistics & coordination.

SKILLS

AI & ML: RAG, LLMs, Prompt Engineering, Embeddings, PyTorch
Backend & MLOps: Django, Flask, Docker, Kubernetes, Jenkins
Data Engineering: PostgreSQL, SQLite, ETL Pipeline, JSONL
Programming & Tools: Python, C++, Jira, Git
Certificates: Structuring Machine Learning Projects, IEEE AI Bootcamp
Languages: Arabic (Native), English (Fluent), French (Fluent)