Ali Salman

Tel: +961 71 446 583 | ali-salman06@outlook.com | LinkedIn | GitHub

EDUCATION

American University of Beirut (AUB) Sep 2023 – Jun 2027 (expected)
B.E. in Computer Science and Engineering; Minor in Mathematics
GPA: 3.75/4.0

PROFESSIONAL EXPERIENCE

Nanyang Technological University (NTU), *AI/ML Intern* *Feb 2026 – Present*

- Developing a modular CLI for dynamically defining and orchestrating audio-analysis pipelines with reliable workflow execution and containerized model components

American University of Beirut (AUB), *AI/ML Intern — LLM Automation* *Nov 2025 – Feb 2026*
Industry partner: Almabani

- Built and deployed an LLM-powered tool to auto-fill Bill of Quantities (BoQ) spreadsheets from project documents

Navasard AI, *AI Developer* *Oct 2025 – Nov 2025*

- Integrated AI features into a production service while meeting latency and reliability requirements

American University of Beirut (AUB), *Research Assistant — Robust Statistics* *Aug 2024 – May 2025*

- Implemented robust gamma-ratio estimation for heavy-tailed data and built Python analysis tools
- Developed visualizations for characteristic functions of 2D heavy-tailed random vectors

American University of Beirut (AUB), *Teaching Assistant — EECE 330 (C++)* *Jun 2024 – Sep 2024*

- Led tutorials and office hours; graded coursework; coached students on algorithmic problem solving

American University of Beirut (AUB), *Teaching Assistant — EECE 230 (Python)* *Jan 2024 – May 2024*

- Supported labs and recitations; reviewed/debugged student code to reinforce core programming concepts

PROJECTS

Dorm Room Assignment Automation, *AUB Student Affairs* *Jan 2026 – Present*

- Automated student-to-room assignment under capacity, eligibility, and roommate preferences constraints

AutoHW, *Hardware Recommender for ML/LLM Workloads* *Oct 2025 – Nov 2025*

- Built a chatbot-style tool that recommends hardware setups based on model choice and deployment constraints

AUB Course Companion, *RAG Assistant for Course/Policy Q&A* *Aug 2024 – Mar 2025*

- Built a RAG system with LangChain/LangGraph/Letta; evaluated retrieval with RAGAS

Amazon Industry Program — Needle Heaven, *RAG Chatbot + Forecasting Models* *May 2024 – Aug 2024*

- Built a LangChain RAG chatbot and trained regression models for price prediction and trend analysis

EXTRACURRICULAR EXPERIENCE

AI-DSC Hub (AUB), *Organizer* *Apr 2025 – Present*

- Organize AIcademy Bootcamps introducing high school students to applied AI and data science

IEEE Student Branch (AUB), *Technical Team* *Jul 2025 – Present*

- Support AI workshops, hackathons, and outreach events

SKILLS & PERSONAL

Programming: Python, C++, Java.
AI/ML: PyTorch, scikit-learn, LangChain, LangGraph, LlamaIndex, Letta, RAGAS, Pinecone, Chroma.
Systems & Data: Temporal, PostgreSQL, Workflow Orchestration
Cloud & DevOps: AWS, Docker, Git.
Certificates: DeepLearning.AI (Neural Networks and Deep Learning; Improving Deep Neural Networks; Structuring ML Projects); LangGraph Agents; LangChain Chat with Your Data; LangChain for LLM App Dev; Advanced RAG; Agent Memory; LLM Finetuning.
Languages: Arabic (native), English (fluent).