
Moustapha El Haj

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Education

Lebanese American University

BS in Computer Science – GPA: 3.48 / 4 – Dean’s Honor List (May 2025)

LebNet Tech Fellowship Awardee - UNDP Youth Leadership Program (YLP)

Professional Experience

United Nations Economic and Social Commission for Western Asia (ESCWA)

Information Technology Assistant (June 2025 – Present)

- Delivered IT support by troubleshooting and resolving issues related to user accounts, WSL installations, MFA configurations, and other software applications.
- Resolved technical issues related to Microsoft Workspace, including OneDrive, Microsoft accounts, and Office 365 services, ensuring minimal disruption to end-user productivity.
- Monitored network and Checkpoint firewall activity using SmartConsole, identifying and troubleshooting potential issues to ensure secure and reliable operations.
- Led the deployment of a type-1 hypervisor server with GRR Rapid Response, performing investigations and queries to identify malicious patterns and indicators of compromise.
- Assisted in conducting Static Application Security Testing (SAST) prior to application release using Semgrep, SonarQube, and GitLeaks.

Monty Mobile International

Software Developer Intern (September 2024 – November 2024)

- Designed and built interactive and user-friendly mobile applications using the Flutter framework and Dart programming language, ensuring seamless functionality across both Android and iOS platforms.
- Collaborated with senior developers to implement features, debug issues, and optimize existing application performance.
- Conducted app testing and debugging across Android and iOS platforms to ensure reliability and performance.

Kamkalima

Data Analyst Intern (February 2024 – May 2024)

- Conducted comprehensive analysis of historical learning activity data to enhance student outcomes in kamkalima’s eLearning system.
- Performed data cleaning, descriptive, correlation, and comparative analysis across schools, countries, and assignment types.
- Conducted exploratory data analysis (EDA) to uncover hidden patterns, correlations, and trends in provided datasets.
- Developed holistic reports and dashboards to highlight key trends, captured insights, and recommendations.

Personal Projects

Computer Science Students’ Future Career Predictive Analysis

- Performed statistical analysis using MS Excel and built machine learning models using Python (Numpy, Pandas, Matplotlib, and Scikit Learn Libraries – Deployment using Gradio Library) to identify factors influencing computer science students' career choices and predict career paths based on academic, personal, and technical attributes.

Parallelized Particle Swarm Optimization Algorithm for Task Scheduling in Cloud Computing

- Designed, implemented, and evaluated a parallelized PSO algorithm using CUDA API and C programming language to find the optimal computational task – cloud resource mapping.

Skills

Skills: Cloud Computing, Information Technology, Technical Support, IT Troubleshooting, Application Support, Technical Communication, Application Security, Linux, Data Cleaning, Computer Networks, Python, Java, SQL, Project Management, Communication, Professionalism, Analytical Thinking, Confidence, Problem Solving, Leadership, Self and Fast Learning, Strategic Thinking, Effective use of AI, Research.

Languages: Arabic (Native), English (Fluent)