

JAD AL HALABI

📍 Beirut, Lebanon | ✉ jad.alhalabi02@lau.edu | 📞 +961 71 404 961 | 🔗 [linkedin.com/in/jadalhalabi](https://www.linkedin.com/in/jadalhalabi) | 💻 github.com/jadhxo

Professional Summary

AI/ML-focused Computer Science graduate skilled in data science, machine learning, and cloud deployment. Experienced in building AI-powered applications and full-stack solutions with measurable impact. Certified AWS Cloud Practitioner with strong foundation in predictive modeling and cloud-based systems.

Education

B.S. Computer Science – Lebanese American University (LAU)

Experience

Data Science Intern – COG Developers

Mar 2025 – June 2025

- Built AI-powered news analysis pipeline, boosting accuracy from 87% → 93%.

Data Science Research Assistant – LAU

Sep 2024 – Mar 2025

- Achieved 84% model accuracy, demonstrating strong analytical skills and data-driven decision-making.
- Applied predictive modeling (XGBoost, Feature Selection, Neural Nets) and advanced data processing.

Software Developer Intern – IDS

Aug 2023 – Sep 2023

- Developed web tools with ASP.NET + SQL, streamlining data workflows.
- Automated tasks to improve data entry efficiency.

Projects

- **AI – Powered News Analysis Pipeline** – LangChain + GPT API with Flask back-end deployed on AWS EC2.
 - **Web Scraper** – Python + Selenium + reverse-engineered APIs, storing structured data in SQL.
 - **Sleep Disorder Predictor** – Developed a ML model to predict sleep disorders, implementing algorithms like Naive Bayes, achieving 52% test accuracy to assist in identifying risk factors.
-

Certifications

- AWS Certified Cloud Practitioner (*Dec 2024*)
 - Supervised Machine Learning: Regression and Classification – DeepLearning.AI (*Feb 2025*)
 - Advanced Learning Algorithms – DeepLearning.AI (*Aug 2025*)
 - Elements of AI for Business – MinnaLearn & University of Helsinki (*Sep 2025*)
-

Skills

- **Programming:** Python, C++, Java, SQL, JavaScript, HTML, CSS.
 - **ML/DS:** Scikit-learn, TensorFlow, Keras, XGBoost, Pandas, NumPy.
 - **Cloud/Tools:** AWS, Docker, GitHub, Flask, Selenium, PowerBI.
-

Languages: English (Fluent), Arabic (Native)