

# Hadi Skaini

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## EDUCATION

- **Lebanese American University** Beirut, Lebanon  
*Bachelor of Computer Science* *Sep 2019 - June 2024*
- **Lycee Franco-Libanais Verdun** Beirut, Lebanon  
*French Baccalaureate* *Sep 2015 - Jul 2018*

## TECHNICAL SKILLS

- **Programming Languages** Java, C/C++, Python, Bash / Shell Script, SQL, JavaScript, C#, PHP
- **Tools** Google Cloud, Oracle Cloud, Linux, Springboot, Git, Expo, Android Studio, TensorFlow, SciKit, SQL
- **Skills** AWS, Machine Learning, Object Oriented Programming, Automation, AI, Research, SQL, Linux, Prompt Engineering

## LINGUISTIC COMPETENCE

**English:** Full professional proficiency      **French:** Full professional proficiency      **Arabic:** Native proficiency

## RELEVANT EXPERIENCE

- **FOO** Beirut, Lebanon  
*Machine Learning Engineer* *May 2024 - September 2024*
  - Developed an ML solution and integrated into the existing platform. Included research, data collection, data cleaning/pre-processing, model training and fine tuning, deployment
  - Responsible for research on Machine learning solutions for existing applications
  - Data collection, dataset building and pre-processing
  - Responsible for building and integrating necessary models/solutions
- **Automaly** Beirut, Lebanon  
*AI Solutions Engineer* *Feb 2024 - May 2024*
  - Create and maintain automation processes using AI tools, Make, Clay, Airtable, etc
  - Write scripts for and develop custom extensions
  - In charge of developing/maintaining AI Solutions
- **IDS** Beirut, Lebanon  
*Backend Intern* *August 2023 - November 2023*
  - Developed a full stack web app using C# with a primary focus on REST APIs powered by .Net
  - Learned to develop and implement Web APIs using .Net Framework
  - Used additional technologies, such as Ajax, JQuery ...

## PROJECT PORTFOLIO

- **Anti-Tampering ML Model (Machine Learning)** End-to-end ML feature developed and deployed. Model trained to detect document tampering with competitive metric scores.
- **Chest Xray lung disease detection** Currently working on a model using ResNet to classify healthy and pneumonic/infected lungs based on a chest Xray
- **AI LinkedIn Assistant (AI/Automation)** Developed new feature for AI powered Lead Generation software, keeping track of LinkedIn connections and providing real-time insight and suggestions for lead generation
- **Sentiment analysis deep learning model (Natural Language Processing/Machine Learning)** Developed a deep learning model to perform sentiment analysis on social media posts, using Tenserflow, NLKT, and Scikit-Learn libraries. The model has 5 possible output labels, trained on a dataset with 3 classifications.
- **Fitness mobile app implementing AI(Full stack mobile app)** A mobile application developed using Java for Fitness enthusiasts. Includes features such as workout planning, progress tracking, and meal/calorie tracking. Implemented a tuned GPT model to recommend personalized workout plans.
- **Energy Solutions System (Software Engineering)** Prototype for a system that simplifies the installation/maintenance of energy solutions. Developed using Swing, Java, and MySQL. MVC pattern was implemented. Account creation features.
- **Parallel applications of the k-Means clustering algorithm(Parallel Programming)** The project encompassed using parallel techniques to use the k-Means clustering algorithm; implemented using MPI and OpenMP libraries, as well as CUDA C.