

Jean-Pierre Fakhry

Computer Engineer

A passionate Engineer specializing in AI and Cloud, I develop Machine Learning solutions and drive AI strategy. With expertise in AI, Engineering, and Consulting, I focus on building scalable technologies and turning innovation into real-world impact. Committed to knowledge-sharing, I teach and mentor the next generation of AI leaders.



✉ jeanpierrefakhry@hotmail.com

☎ (+961) 71243102

📍 Metn, Lebanon

🌐 [linkedin.com/in/jean-pierre-fakhry](https://www.linkedin.com/in/jean-pierre-fakhry)

WORK EXPERIENCE

Lead AI Engineer Zaka AI

07/2024 - Present

Delaware, USA

Achievements/Tasks

- Implement and fine-tune machine learning models for various applications
- Oversee the development and implementation of AI models and algorithms
- Mentor and guide junior engineers on AI projects and best practices
- Stay updated with the latest AI research and technologies

Visiting Lecturer

USEK & ESA Business School | Part-time

09/2024 - Present

Lebanon

Democratize AI in the MENA region and globally through sharing knowledge

Achievements/Tasks

- Teach courses in Computational Finance, AI in Finance, and AI for Business
- Introduce students to ML, DL, GenAI and AI-driven financial innovation
- Equip BBA and MBA students with practical AI skills, business applications, and career roadmaps in AI
- Prepare students to build and work within AI teams by focusing on real-world case studies and hands-on projects

Machine Learning Engineer

Oreyeon

06/2022 - 06/2024

Coimbra, Portugal

Airport safety using AI

Achievements/Tasks

- Developed and implemented DL architectures for computer vision applications using Tensorflow, Pytorch and Darknet
- Trained, optimized, and evaluated models using AWS SageMaker
- Created SageMaker Pipelines for automated ML workflows
- Optimized computer vision models for real-time performance

AI & Computer Vision Engineer

6SS

06/2021 - 06/2022

Minnesota, USA

Intelligent Video Analytics platform

Achievements/Tasks

- Led cutting-edge research in ML and computer vision
- Trained and tested deep learning models for domain-specific tasks
- Deployed ML models on edge devices using C++ and C#
- Managed the Company's AI development and infrastructure

EDUCATION

Computer Engineering

Holy Spirit University of Kaslik - USEK

09/2017 - 12/2021

SKILLS

Python

C++

C#

SQL/NoSQL

Deep Learning

Computer Vision

LLM

NLP

Generative AI

Tensorflow/Keras

Pytorch

AWS

Solution Architecture

Docker

OOP

Git/Github

COMMUNITY EDUCATION

Seminar for USJ Students

Conducted an insightful AI seminar and workshop for Saint Joseph University (USJ) engineering students, covering basics, scalability, societal impact, and computer vision applications

Object Detection Workshop for Beirut AI Members

Led a hands-on workshop for Beirut AI members, empowering participants to train their own models with practical insights into cutting-edge technologies

AWS Community Builder & Technical Mentor at Beirut AI

Mentor and support the AI community by sharing expertise in cloud computing, ML, and AI through AWS Community Builder and Beirut AI initiatives.

CERTIFICATES AND CERTIFICATIONS

AWS AI Practitioner (01/2025)

AWS Certified Developer - Associate (02/2024)

AWS Certified Solutions Architect - Associate (10/2023)

AWS Certified Cloud Practitioner (02/2023)

IBM Data Science Professional Certificate (06/2022)

CAE Cambridge English Certificate (2018)

PERSONAL PROJECTS

Automatic Colorization of Monochromatic Images

Object Detection and Classification model

Face Detection and Recognition on IP cams

Detection of COVID-19 from X-ray Chest images

LANGUAGES

English



Arabic



French

