Fatima Chalhoub

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Education

Saint Joseph University of Beirut	**Sep 2023 – July 2024**

- Maters 1 in Artificial Intelligence

University of Sciences and Arts In Lebanon (USAL), Lebanon	**Oct 2020 – July 2023**

- Bachelor in Computer Science, Data Science Concentration

Experience

Computer Vision Developer (Predictive Healthcare)	**September 2023 - now**

- Research and Development for wound and medical image analysis

Web Development Trainee (IDS)	**February 2023**

- Full Stack Web Development training (HTML, CSS, JavaScript, SQL, ASP.net)

Intensive AI Bootcamp (ZAKA AI)	**August 2022**

- From basic Python knowledge to complete understanding and implementation of Machine Learning algorithms, including hands-on projects in NLP, Deep learning, Computer Vision and Time Series

Projects

University Final Year Project (FYP): AraSearch	**April 2023 – June 2023**

An Arabic Semantic search engine that enhances search precision and user experience in Arabic. The model is a Natural Language Processing task responsible for Arabic contextual understanding using the Arabert Model and FAISS as an indexing and querying tool to make an efficient search. (Python)

Time Series Course Project: FIFA World Cup Results Predictions	**December 2022**

The project culminates in time series analysis, it includes data ingestion, manipulation, and analysis employing ARIMA modeling to forecast the number of goals for the upcoming year based on historical data and model diagnostics. (R programming)

Bootcamp Final Project (ZAKA): Diabetes Prediction	**August 2022**

A system that can predict whether a person has diabetes or not using Machine Learning. This project used Support Vector Machine model for the prediction. (Python)

Summary Skills

- **Computer Skills:** Database Systems, Programming(Python-R-Java), Exploratory Data Analysis, Feature Engineering, Statistical Modeling, Data Visualization, Machine Learning, Docker, Github.
- **Languages:** Fluent in English and Arabic , basic French.
- Soft Skills: Critical thinking, Flexible to work remotely, Team Work, Work Ethic, Presentation, Communication, Organizational Management, and Public Speaking.

Extra-Curricular

- Member at [Beirut AI]. An AI community in Lebanon that aims to spread AI awareness and prepare youth to enter the AI market through meetings and workshops.
- One of the co-founders and a member of the Binary Brains Club at USAL.