

Mohamad Kamal El Jaafari | Data Scientist

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SKILLS AND EXPOSURE

- Strong Skills: LLMs, LangChain, HuggingFace Transformers, Prompt Engineering, NLP, Pandas, Numpy, SKLearn, PyTorch, Matplotlib, Seaborn, Microsoft Azure, PowerBI, 365 Services, SQL, OpenAI API, Git, BitBucket, Spreadsheet Softwares
- Exposure: Apache Spark, Tensorflow, NLTK Package, Tableau, Android App Development with React Native, React, Laravel, ExpressJS, MongoDB, JavaScript, Java

COURSES and CERTIFICATES

- Microsoft Azure Data Scientist Associate (DP-100) Professional Certificate
- Stanford Machine Learning Specialization
- Google Advanced Data Analytics Professional Certificate
- Google Professional Business Intelligence Certificate
- DeepLearning.AI Generative AI with Large Language Models Certificate

PROFESSIONAL EXPERIENCE

Data Science Intern | Hindsight Technology Solutions | NYC, USA | August 2023 – November 2023

- Reduced data cost **to 0** with higher quality by suggesting and implementing a different generating approach
- Increased data eyeballing speed by **400%** with reliable accuracy
- Performed Multilingual NER fine tuning on Roberta Japanese Model to recognize Japanese Artists names
- Developed an over **90%** accuracy classification model on news articles over topics stacking cosine similarity, KNN
- Maintained over **90%** accuracy finetuning the classification model to be Multilingual and packaged it for bitbucket
- Leveraged Knowledge: [HuggingFace](#), [LLMs](#), [SKLearn](#), [XGBoost](#), [KNN](#), [NPL](#), [Cosine Similarity](#), [BitBucket](#), [PyTorch](#)

Data Analysis Intern | Orbital Co. | Beirut, Lebanon | April 2022 – July 2022

- Reduced SKlearn codes speed by nearly **20x** using vectorization instead of iterative loops
- Transformed dataframes and results into visualizations and spreadsheets using PowerBI and Google Sheets
- Engineered CRUD SQL codes to integrate SQL databases with analysis on Sales and Logistics
- Leveraged Knowledge: [Pandas](#), [SQL](#), [SKLearn](#), [PowerBI](#), [SpreadSheet Softwares](#)

IT Intern | Lebanese American University | Beirut, Lebanon | August 2019 – May 2020

- Received hands-on experience with SAP and CISCO software on campus
- Configured troubleshoot by providing on demand technical support on issues related to university hardware
- Leveraged Knowledge: [Cisco Systems hardware and software](#), [general IT hardware and software knowledge](#)

PROJECT EXPERIENCE

- Youtube Video instant text summarizer using LangChain
- Multilingual Classification Model stacking cosine similarity, XGboost, and KNN with over 90% accuracy for articles
- Multilingual Finetuned NER model to recognize Japanese artists names in English and Japanese

EDUCATION

Lebanese American University | B.S. Computer Science

Relevant Courses: Artificial Intelligence and Machine Learning, Natural Language Processing, Data Structures and Algorithms, Discrete Mathematics, Linear Algebra, Script Programming, Database Management Systems, Web Development, Object Oriented Design (Python and Java), Computer Networks