



Zeina FNEISH

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Summary

An aspiring Machine Learning Engineer with a bachelor degree in MIS and a participant in the MLC program by ZAKA, having the skills of dealing with data from preparation to preprocessing, getting familiar with the machine learning and deep learning algorithms, acquiring the machine learning skills through learning and practice, and in addition to the ability of time management and working in teams.

Education

Lebanese University BEIRUT, LEBANON

Nov 2021 – Present

Master's 1 in Management Information Systems

Lebanese University BEIRUT, LEBANON

Oct 2018 – Sep 2021

B.B.A in Management Information System

Professional/Project Experience

Zaka AI Academy

Feb 2022 – June 2022

Machine Learning Certification program

A 16-week intensive course covering data science foundations, Machine Learning classes and algorithms, in addition to deep learning and advanced data types up until model deployment, through video materials and Hands-On exercises.

- Worked on a capstone project where I collected data related to space by web scraping, processed it, and ran it on CLIP embedding model that takes a query as an input and gives the similar images.
- Developed my coding skills by working on 8 coding challenges that dealt with data preparation, generating Machine Learning and Deep Learning models, and improving the performance through hyperparameter tuning.
- Generated a model that translates from english to french using seq2seq and bidirectional LSTMs
- Generated a mask detection model that predicts whether a person is wearing a mask or not using CNNs.
- Generated a deep learning for stroke prediction model using Tensorflow Keras.
- Build a Logistic Regression model to predict if a person is a smoker or not and improved the model using AdaBoost and hyperparameter tuning
- Worked on the Iris dataset by building a gaussian naive bayes model from scratch.
- Built a model from scratch using Gradient Descent to predict the cost of treatment for individuals using numpy, pandas and scikit-learn.
- Performed the essential steps of the Data Science Lifecycle and trained the model using Logistic regression.
- Managed to balance my time between studying the material, learning new concepts, and submitting challenges before deadline.
- Attended 6+ workshops that deep dived to different technologies of the machine learning field such as: Unsupervised and Reinforcement Learning, Pytorch, ML in production, MLOps.

Certifications:

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning |

DeepLearning.AI | Feb 2022 | [Credential url](#)

Getting Started With Python For Data Science | Zaka AI Academy | Feb 2022 | [Credential url](#)

- This crash course covered the fundamental Data Science libraries in Python: Numpy, Pandas, & Matplotlib

Convolutional Neural Networks | DeepLearning.AI | Feb 2022 | [Credential url](#)

Structuring Machine Learning Projects | DeepLearning.AI | Jan 2022 | [Credential url](#)

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization |

DeepLearning.AI | Jan 2022 | [Credential url](#)

Neural Networks and Deep Learning | DeepLearning.AI | Jan 2022 | [Credential url](#)

Technical Skills

Tools & Languages: Python, SQL

Packages: Scikit-Learn, NumPy, Pandas, NLTK, Matplotlib, TensorFlow, Jupyter Notebook, Flask, Heroku

Machine Learning: Statistical Analysis, Linear/Logistic Regression, Clustering, Regularisations, Naive Bayes, Decision Tree, Knn, Association Rule, Neural Networks, Computer Vision, NLP

Languages & Additional Information

- Arabic: Native, English: Fluent, Spanish: Basic
- Technology: Windows
- Interests: Writing