



AMMAR FADHIL

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SUMMARY

Motivated data scientist with experience in graphic design and IT. Passionate about building models that fix problems. Relevant skills include machine learning, problem solving, programming, and creative thinking.

SKILLS

PROGRAMMING: Python, SQL
DATA ANALYSIS: Data Visualization, Data Cleaning
TOOLS & PLATFORM: Docker, AWS
BIG DATA: Apache, Spark, PySpark
DESIGN: 3D Max, Photoshop, Premiere Pro, After Effects, Illustrator
SPOKEN LANGUAGES: English, French, Arabic

PROJECTS

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|--|---------------------|
| Breast Cancer Detection
Tools: Python, pandas, numpy, matplotlib, keras
Goal: Using Convolutional Neural Networks (CNN) to Detect Breast Cancer
Dataset: Breast Histopathology Images (Kaggle)
Results: Predict if the image has Invasive Ductal Carcinoma (IDC) or not. | June 2022 |
| Predict flight arrival delays
Algorithm: Classification & Regression Models
Goal: To predict arrival delays of commercial flights in Jan 2020.
Dataset: Departure and arrival information about flights in the US for 2018 and 2019; over 600K data points.
Results: Final model was RandomForestRegressor and improved upon the base model accuracy. | May 2022 |
| Automate the loan eligibility process
Algorithm: LogisticRegression
Goal: Automate the loan eligibility process based on customer details that are provided as online application forms are being filled.
Dataset: Bank customers historical data
Results: build a predictive modeling to automate the loan eligibility | May 2022 |
| Quora Duplicate Question Pairs Identification
Identify question pairs that have the same intent in Quora website | Oct. 2022 - Current |

EDUCATION

- Lighthouse Labs**
Diploma Data Science 2022
- Aircraft Maintenance Technology Collage**
Diploma Computer design-Catia 2012
- University of Technology**
Bachelor Materials engineering 2006

EMPLOYMENT

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| Ampro construction, Manager , Edmonton, AB
Oversee and direct construction projects from conception to completion.
Review the project in-depth to schedule deliverables and estimate costs.
Oversee all onsite and offsite constructions to monitor compliance with building and safety regulations. | Oct. 2020 - Current |
| D2 Technologi, Graphic designer , Candiac- Quebec
Develop primary sketches and models for final selection of product designs.
Create designs using illustration, photo editing and layout software.
Using 3D modeling, texture, mapping, and other techniques to create graphics, visual effects, and animations. | Oct. 2011 - July 2012 |
| Baghdad satellite channel, Designer , Baghdad, Iraq
Created animations, 3D still renders, and other graphics
Handled video and photography
Created online digital advertisements | May 2005 - Dec. 2009 |