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 Collection, Data cleaning, Data Visualization
TOOLS & PLATFORM: Docker, AWS, Tableau
BIG DATA: Apache, Spark
DESIGN: 3D Max, Photoshop, After Effects, Illustrator
SPOKEN LANGUAGES: English, French, Arabic

PROJECTS

Breast Cancer Detection   May 2022 - June 2022
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.

Predict flight arrival delays   May 2022 - May 2022
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.

Automate the loan eligibility process   May 2022 - May 2022
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

Quora Duplicate Question Pairs Identification   Oct. 2022 - Current
Identify question pairs that have the same intent in Quora website

EDUCATION

Udemy
Certificate Hands-On Tableau Training for Data Science

Udemy
Certificate Chang management for organizations:Drive Strategic Results

Lighthouse Labs
Diploma Data Science 2022

Aircraft Maintenance Technology Collage
Diploma Computer design-Catia 2012

University of Technology
Bachelor Materials engineering 2006

EMPLOYMENT

Ampro construction, *Manager*, Edmonton, AB   Oct. 2020 - Current
Plan, organize, direct, control and evaluate daily operations.
Prepare and submit construction project budget estimates.
Maintain computer databases (pricing, estimates, items, etc.).
Construct visualization dashboards to present key insights by using Tableau.

D2 Technologi, *Graphic designer*, Candiac- Quebec   Sept. 2011 - Aug. 2012
Develop primary sketches and models for final selection of product designs.
Using 3D modeling, texture, mapping, and other techniques to create graphics, visual effects, and animations.

Baghdad Satellite channel, *Graphic designer*, Baghdad, Iraq   May 2005 - Dec. 2009
Created 3D animation and visual effect videos.
Video and photo editing.
Created online digital advertisements.