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

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.

Mid-Term Project LHL
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.

EMPLOYMENT

Ampro construction, *Manager*, Edmonton, AB

D2 Technologi, *Graphic designer*, Candiac- Quebec
Develop primary sketches and models for final selection of product designs.
Create and manage digital assets
Create designs using illustration, photo editing and layout software
Using 3D modeling, texture, mapping, and other techniques to create graphics, visual effects, and animations.

Baghdad satellite channel, *Designer*, Baghdad, Iraq
Created animations, 3D still renders, and other graphics
Handled video and photography
Created online digital advertisements

EDUCATION

Lighthouse Labs
Diploma Data Science 2022

Aircraft Maintenance Technology Collage
Diploma Computer design-Catia 2012

University of Technology
Bachelor Materials engineering 2006