



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.

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.

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

EMPLOYMENT

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

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.

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