Khulood Nasher,M.Sc.

No Sponsorship Required to Work in the U.S.
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TECHNICAL SKILLS

Dynamic **Data Scientist and Data Analyst** in supervised and unsupervised learning, experienced in data acquisition and data modeling, statistical analysis, machine learning (Scikit-Learn, Pandas/NumPy), data engineering (Python, SQL), deep learning (Keras), Convolutional Neural Networks for image analysis, and Natural Language Processing (NLTK,Spacy, TextBlob, spaCy,Gensim). With a background in Physics, and Linguistics (Arabic), I bring strong skills in team building, Project/Service management, and ability to effectively communicate complex technical ideas utilizing predictive analytics and classical modeling techniques for statistical inference and creation of data insights for various business scenarios.

TECHNICAL PROJECTS

Sentiment Analysis on Proclamation Suspending Entry of Aliens Presenting a Risk to U.S. Labor
Github
- Preprocessed the text data through tokenizing and vectorizing tweets using different vectorizers such as TFIDF, and word embedding techniques such as (Doc2Vec, Word2Vec, and Pretrained models as Glove.
- Predicted with high accuracy of 96% using different classifiers.

X-RAY IMAGE CLASSIFICATION Github
- Built Image Classification Model by applying CNN techniques in image classification.
- Adopted the state of the art of transfer learning built-in models, VGG16 model, increased accuracy to 97%.

Predicting Customer Churn   Github
- Random Forest and XG Boost Modeling to classify Churn Risk for Telecom Customers by examining payment details and demographic information.

Autism Diagnosis Github, Kaggle
- Used machine learning techniques to diagnose Autism spectrum disorder (ASD) among toddlers.
- Improved model's score accuracy to 99% through hyper tuned with grid search.

EMPLOYMENT HISTORY

Netflix - San Francisco Bay Area
February 2021 – August 2021
Arabic Editorial Analyst
Contracted to Netflix by Talent Table
- Conduct data cleaning, data validation, and data sourcing to maintain database accuracy and ensure data integrity by leveraging Netflix's various database tools.

Queens Translation & Language Solutions (QTALS)- New York, NY
05/17- Present
Arabic Data Analyst and Linguist
- Handled unique data analysis requests from a range of data customers.
- Provided Arabic/English text data analysis, extracted information, cleaned texts using effective text representation and state of art techniques.
- Created complex queries and reports to analyze historical data, including the use of techniques such as: subqueries, temp tables, complex joins, variables.
- Conducted investigations and provided due diligence reports, annotation,transcription on different Arabic dialects.

- Delivered high quality under aggressive deadlines, and evaluated high priority deliverables.

GOOGLE - New York, NY
Arabic NLU Specialist
05/18- 03/19
Contracted to Google by Artech Information Systems, as a member of the Arabic NLP team working in Google Assistant project.
- Performed NLP tasks such as semantic and syntactic analysis on linguistic data.
- Contributed to several other tasks to improve natural language understanding (NLU) systems.

Contracted to Discover Ready through Diamond Personnel, New York, NY
03/17- 01/18
Arabic Document Reviewer
- Provided data analysis, conducted investigations and provided due diligence reports, annotation, translation, electronic data-mining, and other resources for highly secure material.

EDUCATION

Master of Science in Physics Emphasis
Idaho State University, Pocatello, ID
An interdisciplinary Health Physics program that combines the elements of physics, biology, chemistry, engineering and statistics with the goal of optimizing system performance with respect to human health and safety, economy and stewardship of the environment.

Online Immersive Data Science Bootcamp Program
Flatiron School
525 hours of working on 5 projects, using Data with Python, SQL, Statistics, AB Testing and Linear Regression, Machine Learning, Big Data, Deep Learning and
Natural Language Processing, and Data Science Advanced Project.

Egypt Scholars
Certificate of Completion Machine Learning Principles

Postgraduate Diploma in Applied Data Science Emeritus
in Collaboration with Colombia Engineering
Python, SQL, Web Scraping, Statistical Analysis, Data Analysis and Visualization - using Python's NumPy, Pandas, Data cleaning, Machine Learning, Unsupervised models, Text Mining, Sentiment Analysis, complexity analysis, and named entity analysis, text summarization, Time Series Analysis.

HIT Data Analytics Certificate Training
Regional Health Information Organizations (RHIO)
Bronx Community College (BCC), Bronx, NY

Bachelor of Science in Physics
University of Sana'a Yemen, Sana'a, Yemen

Fulbright Scholarship: Sponsored by AMIDEAST, Washington, D.C.