Ahmed Abdo

Data Scientist and Machine learning specialist

An MSc postgraduate Data Scientist and Machine learning engineer with significant professional experience in various aspects of Computer Science and IT topics. I am equipped with outstanding interpersonal and communication skills and am a passionate believer in continuous professional development. I am looking to secure a challenging position or projects that utilize my experience and skills to take my career to the next level.

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in linkedin.com/in/ahmed-abdo-ds

📱 07448444721

🔲 abdo.tech

⬮ github.com/abdo-projects

WORK EXPERIENCE

Project Specialist
Department of Port and Customs Ajman/ Hutchison Ports Ajman

10/2022 - 10/2023   *Ajman/ United Arab Emirates*

Achievements/Tasks

- Conducted feasibility studies and evaluated results.
- Coordinated project plans and implemented initiatives in alignment with strategic operational plans.
- Monitored project implementation procedures and documented results.
- Collected and analyzed data to assess operational performance indicators.
- Tracked work plans and documented utilization of financial and technical resources for projects.
- Prepared relevant reports for PMO manager.

Contact : Yahya Abdulrahman Al Marzooqi - +971543602360

Associate Consultant - Support
Techvista Systems

12/2021 - 06/2022   *Abu Dhabi, United Arab Emirates*
Working on support project in the Department of Health - Abu Dhabi.

Tasks

- Managed all aspects of Service Desk L1/L2 operations, including productivity, efficiency, responsiveness, and delivery of professional and competent technical 1st/2nd line support.
- Guided and supported Service Desk consultants to resolve end-user service issues and ensure customer satisfaction.
- Conducted performance monitoring through statistical reporting and analysis.
- Led the development and career progression of Service Desk L1/L2 consultants, fostering a high-performance and engaged team environment.
- Reviewed service point performance and business tracking, and developed strategies and action plans in collaboration with relevant parties.

SKILLS

Machine learning   Deep learning   Computer Vision
NLP   Data Visualization   Statistical Analysis
Data Preparation   IT Service Management
Budget Management   Process Management
Strategic Planning   Predictive Business Analytics
Procurement   Manage Engine

TECHNICAL SKILLS

Operating System, Virtualization and Containers:
Windows Server, Ubuntu Linux, Docker and Hyper-V.

Cloud Services
Azure, AWS, DigitalOcean.

Server Administration
Active Directory, Group Policy, DFS, DNS, DHCP, backup.

Programming Languages:
Python, R.

Machine Learning (Supervised learning) Implementation
KNN, Decision Trees, Naive Bayes, SVM, Linear regression,Logistic regression, Ensembles (Bagging, Boosting, Random forest).

Deep Learning Implementation
ANNs, CNNs, RNN(LSTM, GRU), GAN, Transformer Vision, Transfer Learning.

Dimensionality reduction Implementation
Factor analysis, LDA, PCA.

Clustering
Hierarchical, k-means.

Programming libraries
Scikit-learn, Tensorflow, Keras, Panda, NumPy, Matplotlib, HuggingFace, Twitter API, Statsmodels, xgboost,pymysql, emoji, nltk, configparser, os, glob, ARIMA.

Databases:
MYsql, SQL Server, Apache Cassandra, MongoDB.

Visualization:
Tableau ,Seaborn, Matplotlib.

CERTIFICATES

Microsoft Certified Azure Data Scientist Associate (12/2021)

WORK EXPERIENCE

System Analyst
Federal Transport Authority

04/2014 - 08/2020   *Abu Dhabi, United Arab Emirates*
The Federal Authority For Land and Maritime Transport UAE

Tasks

- Coordinated with Telecommunications Regulatory Authority to attain KPIs for the Smart Government Initiative.
- Managed multiple aspects of projects, from conceptualization to implementation and final closure.
- Collaborated with vendors during design, testing, and commissioning phases to ensure alignment with TRA best practices.
- Communicated with key business stakeholders to finalize project scope and requirements.
- Led the tendering process, working with the procurement department during preparation, clarification, and evaluation phases.
- Managed AMCs (Annual Maintenance Contracts) and outsourcing contracts.

Contact : Mubarak Al Khalfani - +971 50 390 8481

Desktop Support Engineer
Federal Transport Authority

08/2013 - 04/2014   *Abu Dhabi,United Arab Emirates*
The Federal Authority For Land and Maritime Transport UAE

Tasks

- Maintained ongoing daily operations of FTA's core system, providing L1 support and escalating major issues to vendors.
- Installed and configured computer hardware, operating systems, and applications.
- Troubleshot system and network problems, diagnosed hardware and software faults, and replaced parts as required.
- Created procedural documentation and generated relevant reports.

Contact : Mubarak Al Khalfani - +971 50 390 8481

IT Service Desk Analyst
Etihad Airways

07/2012 - 07/2013   *Abu Dhabi, United Arab Emirates*
Etihad Airways is the flag carrier airline of the United Arab Emirates.

Tasks

- Responsible for daily operations, offering L1 technical support for a range of issues.
- Take Ownership of the assigned jobs and set priorities for service requests.
- Maintains and monitor client Server and Desktop Systems.
- Providing daily status updates on helpdesk issues and requests to management for review and decision making.
- Offering remote support to employees globally.

EDUCATION

Master of Science in Data Science & Analytics
University Science Malaysia

10/2020 - 02/2022   *Penang,Malaysia*

Grade

- CGPA:3.46

Bachelor of Information Technology (Honours) Security Technology
Multimedia University

06/2006 - 01/2011   *Melaka, Malaysia*

Grade

- CGPA:2.8

CERTIFICATES

TensorFlow Developer Certificate (09/2021 - 09/2024)

TOGAF Certified Professional (02/2018)

ITIL Planning Protection and Optimization (12/2019)

ITIL Operational Support and Analysis (10/2017)

ITIL Foundation Certificate V3 (10/2017)

Certified Entry-Level Python Programmer (09/2020)

Identity with Windows Server 2016 (10/2017)

Windows Server 2008 Network Infrastructure configuration (04/2012)

HONOR AWARDS

Excellence award for outstanding performance (01/2019)
Federal Transport Authority
- "Excellence" Award for outstanding performance during 2019 at Federal Transport Authority

Excellence award for outstanding performance during 2017 (01/2017)
Federal Transport Authority
- "Excellence" Award for outstanding performance during 2017 at Federal Transport Authority.

Innovation and development award (01/2017)
Federal Transport Authority
- "Innovation & development" Award during 2017 at Federal Transport Authority

PUBLICATIONS

Research paper
Passion Fruit Image Classification Based Improved Deep Learning Approach Using Transfer Learning
Author(s)
Putra Sumari, Ahmed Abdo, Chin Jun Hong, Lee Meng Kuan, Maisarah Mohamed P
11/2022
Springer

This paper proposed Markisa passion fruit recognition using the deep learning model. Three deep learning models are presented and evaluated: the custom convolutional neural network model, transfer learning VGG16 model, and InceptionV3 models.

LANGUAGES

Arabic
Native or Bilingual Proficiency

English
Full Professional Proficiency

INTERESTS

Algorithmic Trading	AI Research