

Amin Alawad

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Data Scientist

Aspiring Data Scientist with a Bachelor's in Computer Science (specializing in Data Science) and comprehensive experience in data analysis, machine learning, and visualization. Proficient in developing and deploying data-driven solutions, creating interactive dashboards, and applying deep learning techniques. Demonstrated leadership, storytelling, and presentation skills through leading community initiatives and projects. Seeking to contribute technical expertise and communication skills in a data science role within the industry.

WORK EXPERIENCE

SRKK • Klang, Selangor • 11/2023 – 01/2024

Data Analyst Intern

- Developed and maintained interactive financial dashboards in Power BI.
- Automated data workflows using Microsoft Fabric and Python to enhance reporting processes.

Asian Football Confederation • Kuala Lumpur, Kuala Lumpur • 07/2023 – 10/2023

Data Analyst Intern

- Designed and implemented a comprehensive sports analytics dashboard in Power BI for match analysis.
- Enhanced data visualization processes to support decision-making related to team performance and player metrics

EDUCATION

Bachelor of Computer Science in Data Science Specialization

Multimedia University • Cyberjaya, Selangor

PROJECTS

Research Paper Summarization Web App

- Developed using a fine-tuned T5 model to assist researchers in summarizing papers efficiently.
- **Skills Used:** Fine-tuning, NLP, T5 model application, web development integration

Arabic Sign Language Comparative Analysis

- Conducted analysis using CNNs and LSTMs, implementing transfer learning for improved results.
- **Skills Used:** CNNs, LSTMs, transfer learning, image processing

FIFA 2022 Player Release Clause Prediction

- Built a multi-linear regression model for accurate prediction of player release clauses.
- **Skills Used:** Multi-linear regression, feature engineering, data analysis

Real-Time Car Detection System

- Developed using the YOLO algorithm for effective vehicle detection.
- **Skills Used:** YOLO algorithm, object detection, real-time processing

Sentiment Analysis Tool for E-commerce

- Created using RNNs for analyzing customer feedback on products.
- **Skills Used:** RNNs, text data preprocessing, sentiment classification

Web Event Booking System

- Developed using Laravel to facilitate event scheduling and user management.
- **Skills Used:** Laravel, web application development, database management

Restaurant Management Application

- Created with Java Swing using the MVC architecture for efficient order and inventory management.
- **Skills Used:** Java Swing, MVC architecture, user interface design

Purchasing System

- Developed using Django to streamline purchase processing and management.
- **Skills Used:** Django, database integration, backend development

SKILLS

Programming Languages: C++, Java, JavaScript, PHP (Laravel), Python, R

Data Science & Analysis Tools: data analysis, deep learning, EDA, Excel, Google Colab, Jupyter Notebook, machine learning, neural networks, Power BI, Tableau

Machine Learning & Deep Learning Frameworks: OpenCV, PyTorch, scikit-learn, TensorFlow

Databases & Data Management: advanced data processing, BD2, Microsoft Fabric integration, MySQL, NumPy, Pandas, SQL-based querying

Datasets & Data Handling Experience : data preprocessing, e-commerce feedback, financial datasets, image data, real-time data integration, sports analytics data, structured and unstructured data, text data, time-series data

Data Visualization Tools : D3.js, Matplotlib, Power BI, Seaborn, Tableau

Application Frameworks: Django, Java Swing, Laravel

Soft Skills: adaptability, Communication, critical thinking, initiative, leadership, mentoring, presentation, problem-solving, storytelling, teamwork, time management, well-organized

VOLUNTEERING & LEADERSHIP

Sudanese Culture Society -MMU • 08/2023 - 10/2024

Founder and President

- Led and organized cultural and charity events, significantly enhancing community engagement.
- Represented MMU's Sudanese community at conferences and national-level meetings.
- Actively participated in numerous community-focused activities, including charity campaigns and student support initiatives.
- Collaborated with the Sudanese Student Society at the University of Cyberjaya for organizing community iftar events.
- Contributed to fundraising efforts for displaced Sudanese communities.
- Engaged in outreach programs to represent and advocate for the Sudanese community at local and national levels.
- Mentored new committee members, fostering leadership and teamwork skills.

Outdoor Activities & Recreational Society (OARS) - MMU • 08/2022 - 07/2024

Event Com

Organized and participated in various outdoor activities, including severe camping, hiking, mountaineering, wall climbing, rock climbing, caving, and kayaking.

REFERENCES

Rebecca Santhanasamy

IT Project Manger at AFC

rebecca.santhanasamy@the-afc.com

Osama Ali Abdelrahman

Data Engineer Consultant at SRKK

osama.ali@srkk.com