SAUD ALHARBI

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OBJECTIVE

As a recent graduate, I am eager to apply my knowledge and skills while gaining hands-on experience, contributing to organizational success through dedication, adaptability, and a strong willingness to learn.

EDUCATION

Cardiff University **2021-2024**
Bachelor of **Computer Science**
GPA: 3.0/4.0 (2:2 Second Class Honors)

EXPERIENCE

IT Infrastructure Analyst – *Khatib & Alami* (Intern) **Jan 2025 – Feb 2025**

- Assisted in monitoring and maintaining IT infrastructure, including servers, networks, and systems.
- Supported troubleshooting and resolving technical issues to ensure minimal downtime.
- Documented system configurations, updates, and procedures for reference and compliance.
- Collaborated with IT teams to implement and optimize infrastructure solutions.
- Conducted routine system checks and performance monitoring to ensure operational efficiency.
- Provided technical support and assisted in the deployment of hardware and software solutions.

Freelancing - **Jan 2013 – Present**

- Specialized in providing multimedia and content creation services to various businesses as a freelancer
- Edited videos and photos, recorded advertisement videos, and produced personal vlogs to help clients enhance their online presence.
- Completed copywriting assignments, creating engaging and compelling content for websites, marketing materials, and social media platforms.
- Leveraged a diverse skill set to meet the unique needs of each client.
- Ensured projects were completed with a high level of quality and creativity.

SKILLS

Programming Languages: Python, Java, JavaScript, C#, SQL, HTML5, CSS

Dev Tools: GitHub, VSCode, IntelliJ IDEA, Atom, MongoDB Compass, Unity, Neo4j, Arduino, Jupyter Notebook, SCRUM, Microsoft Teams

Data Science & ML: NumPy, Pandas, Matplotlib

Data Engineering: MySQL, MongoDB

Information Technology (IT): Microsoft ® Windows environments and Office package (Word, Excel, PowerPoint, Outlook).

Leader Ship and Personal skills: Excellent inter personnel skills, Critical Thinking, Analytical Organized, Cooperative, Self-motivation, Adaptable, Continuous improvement, Configure relations, Presentations.

Spoken Languages: Fluent in English and Arabic

PROJECTS

Computer Science, Project Outlaw (Group Project) **May 2023**

- Learned and applied C# for game development, expanding technical skills.
- Gained experience with Unity to improve technical expertise and create immersive gaming experiences.
- Adopted and explained the SCRUM methodology to work in iterative sprints and deliver incremental value.
- Integrated Trello with GitHub to ensure team members stayed updated on the codebase
- Utilized Trello for project management, enhancing collaboration, organization, and team communication.
- Actively contributed to the concept and design of the game, influencing the direction and aesthetic.
- Took on responsibilities such as researching, implementing key features, solving technical challenges, and ensuring component integration.

Computer Science, Security System **May 2022**

- Created a burglar alarm system by implementing IoT technology.
- Programmed the system using Arduino for effective functionality.
- Assembled the burglar alarm system using various sensors to enhance security.
- Integrated and configured sensors to detect unauthorized access and trigger alerts.

Computer Science, *Stock Price Prediction & Comparison Analysis (Machine Learning)* (AI) **May 2024**

- Designed and implemented a Long Short-Term Memory (LSTM) model to predict stock market trends, focusing on time-series data and stock price correlations between multiple companies.
- Cleaned and pre-processed large financial datasets using MinMax scaling, ensuring the accuracy and efficiency of the model by selecting the most relevant features for prediction.
- Conducted in-depth correlation analysis between major companies (Tesla, Ford, Panasonic, etc.), analysing how stock movements influence each other, and visualized data using graphs and statistical tools.
- Evaluated model accuracy using Root Mean Squared Error (RMSE) and Mean Absolute Error (MAE), comparing machine learning models against traditional methods to ensure superior predictive performance.
- Fine-tuned the LSTM model's parameters for improved accuracy, successfully scaling the model to process multiple years of stock data without sacrificing performance.
- Generated statistical graphs and visualizations to effectively communicate model predictions, using tools like matplotlib to analyse and compare stock price trends.

References Available Upon Request