RASHID YAHYA AL ALI

ARTIFICIAL INTELLIGENCE| DATA ANALYSIS | IT SPECIALIST

CONTACT

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TECHNICAL SKILLS

- Programming Languages
- Web Technologies
- Data Science and Algorithms
- ML and AI
- Networks and Devices
- Functional Programming
- Logic and Computation
- Cybersecurity
- PM and Reinforcement Learning
- Text Processing
- Robotics

EDUCATION

BSc in Artificial Intelligence and Computer Science
University of Sheffield
2021 - 2024
Class Two Division 1 with Honors

Engineering Science Cluster
The Applied Technology High School
Graduated High School (2019)

SOFT SKILLS

- Leadership
- Communication
- Adaptability
- Time Management
- Collaboration
- Negotiation
- Problem-Solving
- Self-Management

PROFILE

Results-driven IT Specialist with a strong background in Artificial Intelligence and Computer Science. Skilled in programming, data analysis, and machine learning. Expert at developing innovative solutions and enhancing system efficiency.

WORK EXPERIENCE

IT Specialist
Umm Al Quwain Traffic Police via National Military Service   2019 - 2020

- Assisted with various IT-related tasks and projects within the traffic engineering department.
- Managed and maintained traffic engineering software and systems.
- Supported the integration of new technologies in the traffic engineering department..
- Participated in team meetings and contributed to project planning and execution.
- Documented IT processes and procedures to enhance operational efficiency.
- Provided training to staff on the use of IT systems and software.

PROJECT EXPERIENCE

Dissertation Project (Thesis Paper)
Title: Diversity-Driven Test Case Generation: Employing Genetic Algorithms to Improve Test Coverage and Fault Detection Capabilities.
Description: Genetic algorithms were applied to generate diverse test cases for complex Java programs. As a result, a tool for generating test cases was designed.

AI Group Project
Client: IBM, Sheffield (via University Representative)

- Developed a mobile application integrating Augmented Reality (AR) and IBM Watson chatbot
- Implemented full-stack development, including front-end design and back-end integration
- Utilized agile methodology for project management and iterative development
- Conducted comprehensive testing, including unit tests and user acceptance testing
- Collaborated with a team of six to meet client requirements and deadlines
- Applied machine learning techniques to enhance chatbot functionality
- Presented final product to IBM representatives, receiving positive feedback

Global Engineering Challenge

- Collaborated with a diverse team of engineers from various disciplines including electrical, mechanical, and aerospace engineering
- Worked on interdisciplinary projects to solve real-world engineering problems
- Developed cross-functional communication and teamwork skills
- Applied engineering principles to create innovative solutions
- Gained experience in project management and presentation skills

Engineering You're Hired: Project Wheel-E

- Conceptualized an AI-driven cycling detection system for Google Maps
- Designed intuitive features like cycling traffic heat maps and "Cyclist Ahead" warnings
- Conducted comprehensive feasibility studies and financial projections
- Addressed crucial aspects of sustainability, inclusivity, and cybersecurity
- Explored innovative revenue streams in the digital mapping ecosystem This immersive project sharpened my skills in teamwork, interdisciplinary collaboration, and presenting complex ideas to industry professionals.