PROFILE

A motivated and detail-oriented Artificial Intelligence and Robotics undergraduate with a strong passion for IT management, project leadership, and technical presentations.

Proven ability to lead and manage complex projects while collaborating with diverse teams to achieve impactful outcomes. Skilled in simplifying complex concepts for varied audiences, enhancing understanding and engagement. Excels in roles that involve presenting, coordinating, and driving innovative IT

CONTACT

Phone : (+44) 7760636396

LinkedIn : www.linkedin.com/in/shafraazfaizal

GitHub : https://github.com/dashboard

Email : sfshafraaz@gmail.com

SHAFRAAZ FAIZAL BSc AI & Robotics (R)

EDUCATION

BSc in Artificial Intelligence and Robotics
University of Hull, United Kingdom | Sep 2023 - Present
- Relevant Modules: Fundamentals of Robotics (88%), Computational Thinking (90%), Professional Development (82%)

Pathway for Engineering – Fast Track A Levels
OnCampus Hull, United Kingdom | Jan 2023 – Aug 2023
- A-Levels: Science (A), English (A), Pure Mathematics (B), Physics (B)

KEY PROJECTS & ACHIEVEMENTS

Smart Barrier System
- Designed and implemented a MATLAB-based smart barrier system for automated vehicle access control.
- Integrated sensor-based vehicle detection for autonomous barrier operation.
- Enhanced security by including a real-time monitoring system for vehicle logs.

Advanced Robotic Car with RFID Control
- Programmed autonomous movement using Arduino and C++ with RFID card scanning.
- Developed obstacle detection using LED indicators and sonar-based collision avoidance.
- Improved user interaction with start/stop functionality via RFID card.

RFID Door Lock System with LCD Integration
- Created an RFID-enabled door lock system with LCD feedback Arduino and C++.
- Enabled secure, seamless unlocking with personalized user messages on the LCD.

Customizable Food Ordering System
- Developed a dynamic C# system for customizable pizza and burger orders.
- Automated delivery charge calculations, including free delivery for qualifying orders.

SKILLS

Programming Languages
- Python(Intermediate), C++(Intermediate), Arduino(Intermediate), C#(Intermediate), MATLAB(Intermediate)

Public Speaking & Coaching (Online & In Person)
- Coached over 25 Individual in public speaking
- Developed personalised work plans to enhance confidence and presentation skills.

| Effective Communication, Creativity and Innovation, Cross-Functional Collaboration, Analytical Thinking, Attention to Detail, Problem-Solving, Project Management, Technical Proficiency |