

ABDELRAHMAN HASSAAN

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With 21 years in Qatar and a fresh degree in Computer Engineering, I bring a passion for robotics, hardware, and coding in Python and MATLAB. Eager to apply my theoretical knowledge to practical challenges, I'm ready to innovate and excel in the tech industry. Driven by curiosity, I'm always exploring new frontiers to make impactful contributions.

Education

Highschool

Qatar International School (QIS)

2005 - 2014

Sherborne Qatar (British Curriculum)

University

Hamad Bin Khalifa University (HBKU) (American Curriculum)

Joined June 2020

Bachelor of Science in Computer Engineering

Doha, Qatar,

Graduation: May 2024

Relevant Coursework: Computer Networks, Cybersecurity Fundamentals, Information theory Infer Learning Algorithm,

EXPERIENCE

FIFA World Cup 2022 (Ahmad Bin Ali Stadium, Qatar On-site)

Doha, Qatar

Assistant Commentary Operations

Nov 2022 – Dec 2022

- Collaborated with the front-end ASU larval commentary unit to oversee audio system input within a Controlled Commentary Room (CCR) during the FIFA World Cup 2022, ensured seamless audio quality for millions of global audience
- Conducted rigorous audio and sound system testing using the LCU device and employed LAWO software for comprehensive end-to-end testing in preparation for the prestigious World Cup matches held at Ahmad Bin Ali Stadium.

PUG Advertising FIFA World Cup 2022

Doha, Qatar

Marketing for Starlink Product

Nov 2022 – Dec 2022

- Worked with the marketing team to advertise the product for individuals walking past our booth during the world cup and answer any questions they had about the product and how it works and where its sold.

Specialized Oil Services

Doha, Qatar

Junior Field Engineer

June 2021 – Aug 2021

- Used downhole Shut- In-Tool and memory gauges to record downhole pressure and temperature for oil wells. Uploaded program code and extracted data from the memory gauges.
- Prepared Static Gradient Surveys (SGS) which show an accurate way of knowing the fluid level in a well and Flowing Gradient Surveys (FGS) report, which convey the electrical potential differences (gradients) from all the successive two potential electrodes.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Chair, Student Government Association

Doha, Qatar

Risk Management

SEP 2023 – Present

- Worked with the events team of Texas A&M and the Events Manager to create a safe environment for events held by the student government association and to ensure the protocols and standers are met.
- Created safety and risk sheets for every equipment that was placed in the event.

Chair, Best Buddies Program

Doha, Qatar

Events Coordinator

SEP 2022 – MAY 2023

- Felicitating events for special needs students, to make sure that they are always comfortable.

SKILLS & INTERESTS

Language: Fluent in English, intermediate proficiency in French, Native in Arabic

Computer: Python, Excel, Jupyter, Adobe InDesign, Restream.io, Data Visualization, Matlab

Soft skills: Communication, Self-discipline, Empathy, Adaptability, Time management

Interests: Outdoor activities, Rugby, Journaling, Competitions, Horse Riding, Community Involvement

CERTIFICATIONS & AWARDS

- Arduino Crash Course (December 2021)
- Engineering Leadership for Emerging Leaders (January 2022)
- Challenges of Cyber Security and Artificial Intelligence(AI) (February 2024)
- Fluid Testing Procedures (February 2024)
- GenAI For Business Analysis: Fine-Tuning LLMs (August 2024)
- Large language Models with Semantic Search (August 2024)

OTHER AFFILIATION

Member of the VEX-U Robotics Team, Participation in the Huawei ICT Competition Country, Published “No Longer The Weak Link” in the 2021 Best writing Book and “Forever Me” in the 2024 Best Writing Book