
Yousef Magdy A. A. Hussein
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Education

Carnegie Mellon University Qatar

Bachelor of Science in Computer Science
Class of 2029

Middle East International School (Qatar)

3.97 GPA - High Honor Roll

Experience

Amana Healthcare

Software Engineer

Doha, Qatar

June 2023– July 2023

- Designed and implemented cost-effective virtual reality (VR) modules simulating tracheostomy and colostomy care, reducing reliance on expensive training mannequins by 70%.
- The VR modules saved an estimated 50000 QAR annually in training costs while maintaining high-quality, immersive learning experiences for healthcare staff.
- Trained over 50 nurses using these innovative simulations, enhancing procedural competence and reducing long-term training expenses.

Alexandria GO

Founder

Alexandria, Egypt

January 2021– Present

- Engineered and constructed 10 go-karts from recycled materials, reducing material costs by 85% compared to retail alternatives.
- Led a team of 8 volunteers in maintenance and safety protocols, achieving zero accidents across 10+ racing events.
- Organized 5 racing tournaments with 30+ participants each, generating \$350 in charitable donations for local youth programs.

Skills & Interests

Technical Skills: CAD (SolidWorks), Java, C++, C#, and Python.

Languages: Fluent in Arabic and English

Interests: Chess, Coding, and Food.