Ammar El-Sayed Hassan Mohamed
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Career Objective

Motivated Computer Systems Engineering student with hands-on experience in IoT, cybersecurity, and AI. Seeking an internship or entry-level role to apply technical skills in real-world challenges while continuing to grow in the embedded systems and network security domain.

Education

Bachelor of Engineering (Computer Systems Engineering)
MSA University, Egypt
Expected Graduation: 2026

Digital Twin Tech Themed Workshop
University of Greenwich at Medway, United Kingdom, 2024

International General Certificate of Secondary Education (IGCSE), 2021
Relevant Subjects:
- Computer Science (0478)
- Information and Communication Technology (0417)

Courses

- Networking and Cyber Security, Systel Motorola (Smart Village)
- AI and Machine Learning, Electronics Research Institute (ERI)

Technical Skills

Programming Languages: C++, C#, VB.NET, Python
IoT Development: Predictive Maintenance System with ESP8266 Lolin D1 mini pro, IoT network management, Web-based logging systems
Circuit Design: Proteus simulation and design
Cybersecurity Tools: Wireshark, Python scripts for network security, Threat assessment, Risk planning
Data Analysis: Jupyter Notebook, Time-series forecasting

Extracurricular Activities

- Organization Team Member, Quality Assurance & International Partnership Unit
- Newcomers Orientation 2024/2025, MSA University