

Ahmed Khedr Elsheshtawy

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🌐 [ahmedk-elsheshtawy](#) 🗣️ [Ahmed-Elsheshtawy](#) 📍 Doha, Qatar

*Electrical Engineering student with a strong foundation in software development and full-stack architecture.
Passionate about Aviation, Machine Learning, Communication Systems, and IoT.*

EDUCATION

Qatar University

Jan 2025 – June 2029

B.Sc. in Electrical Engineering

Current GPA: **3.95/4.00**

Qualities:

- Received a fully funded Academic Admission Scholarship
- Vice President and Chief Academic Officer's List (*Spring 2026 – Present*)
- On the Dean's List (*Spring 2025 – Present*)

Al Furqan Secondary School

Aug 2021 – Jun 2024

Final Grade: **99.56%**

FEATURED PROJECTS

QU-UK Embassy Humanitarian AI Observatory

[The Observatory was Published on Qatar University's official website.](#)

Technical Lead & Developer for the [Humanitarian AI Observatory](#), a collaboration (2025) between Qatar University, the British Embassy, Qatar Fund for Development (QFFD), Ministry of Foreign Affairs (MoFA), and FCDO Services. The platform centralizes 150+ global AI ethics papers/reports and 200+ humanitarian AI case studies, with a dedicated Qatar section, data visualizations to surface trends, an admin dashboard for managing content, and Musaaed, an embedded AI assistant that helps users browse content and ask questions about what's available. [\[Documentation\]](#)

Ni'ma

[Download Ni'ma on Android.](#)

Technical Lead & Developer of [Ni'ma](#), a Full-Stack Food Waste Reduction Platform. Built as a mobile app, it lets customers discover nearby restaurant surplus bags, place and track orders, and leave ratings, while restaurants manage their listings and fulfillment through a dedicated dashboard. [\[Documentation\]](#)

Masdar QU

Developer of [Masdar QU](#), a platform designed for Qatar University students to obtain and submit educational content related to university courses. Students can browse courses by college and department, view and download resources such as past exams, lecture notes, and quizzes, and submit their own materials or request missing courses to help build out the archive. [\[Documentation\]](#)

COMPETITIONS & HACKATHONS

AIX Hackathon (\$5000) – 1st Place at the AIX Hackathon. Developed an [AI-Powered Investment Analysis Dashboard](#) using Gemini 2.5 Pro that automates investment research, analysis, and due diligence processes.

EXPLANATIONS

I have made several videos explaining technical concepts and implementations, which can be found on my [YouTube channel](#).

The topics span Electrical Engineering Concepts, Machine Learning, 3D Space Calculus, and Engineering Implementations. The videos are designed to be educational and accessible, providing clear explanations and practical demonstrations.

LEADERSHIP & INVOLVEMENT

Events Team Coordinator

Feb 2026 – Present

IEEE Student Branch – Qatar University

TECHNICAL SKILLS

Hardware & Electronics: Arduino, Basic Circuit Prototyping, Soldering

Programming Languages: C++, Python, Java, JavaScript, HTML/CSS

Tools & Frameworks: Unity, React Native, Node.js, Git/GitHub, MongoDB, Postman

LANGUAGES

English: Fluent

Arabic: Native