

Shayma Kulaib Alteneiji

Personal Information

📍 Ras al-Khaimah, United Arab Emirates 📠 971568959611 ✉ 100063072@ku.ac.ae

Profile

Passionate electrical engineering student with a strong drive to understand complex concepts and their underlying principles. Committed to continuous learning, self-improvement, and optimizing performance, time management, and knowledge acquisition.

Education

Electrical and Electronics Engineering | Bachelor of Engineering - BE
Khalifa University

📅 08/2022 – 05/2026

Skills: Problem-Solving · NI Multisim · COMSOL · 3D Printing · MATLAB · Simulink

Languages

Arabic	English
Professional	Professional

Awards

President's List Award

📅 05/2024

Awarded for academic performance in the Fall 2022 and Spring 2023 semesters.

AP Scholar with Distinction Award
College board

📅 05/2022

Project

Digital Signal Processing Course Project: Adaptive Noise Cancelling Headphones

Currently developing a real-time adaptive noise-cancellation system for a (DSP) course project.

- Utilizing a Raspberry Pi as the processing unit to implement signal processing algorithms in Python.
- Integrating MEMS microphones to capture noise and error signals, applying adaptive filters (FxLMS) to process the data, and generating anti-noise output for headphones.

Work Experience

Undergraduate Research, Summer 2024

📅 05/2024 – 07/2024

Assisted in the development of a passive radar system project utilizing satellite signals, where I honed problem-solving and technical skills. Gained practical experience in radar system design, project mangment and the operation of specialized equipment, applying theoretical knowledge to real-world engineering challenges.

Peer- Tutoring

📅 01/2023 – present

Helped students solve problems systematically, ensuring a thorough understanding of concepts. Providing support and encouragement to build confidence.

Event Orgnizer - IEEE chapter

📅 08/2024 – present

Contributed to event planning and execution, gaining a strong understanding of event organization procedures and coordination.

Certificate

IELTS

📅 08/2022

Overall Band: 7.5 (Reading: 8.5, Listening: 8.5, Speaking: 7, Writing: 6)