

Mahmoud Sameh

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A highly motivated Electrical Engineering Graduate (Final semester, 4.95/5 GPA, top of the 61st batch in engineering, Islamic University of Madinah) specializing in Artificial Intelligence and Control Systems with demonstrated experience leading student initiatives and research within the Engineering College and representing the university across national venues. I am an avid learner, finishing courses from the most prestigious universities globally, such as Harvard, Michigan, and more. Selected for the prestigious KAUST AI Summer Training Program (out of 100 nationally) and contributed significantly to a national victory in SDAIA's Enjaz Hackathon. Proven ability through years of experience developing end-to-end solutions combining hardware (Embedded Systems, Robotics) and software (Python, C, Deep Learning frameworks), while incorporating relevant analytical and mathematical approaches. Eager to apply advanced technical skills to challenging problems and contribute to research in engineering and deep learning.

EDUCATION

Islamic University of Madinah

Expected graduation May 2025

Bachelor of Science (B.S.) in Electrical Engineering

- Current GPA 4.95/5 ([Academic Record](#)) ([External Courses](#))

WORK EXPERIENCE

Islamic University of Madinah

Apr. 2023 – Present

Engineering College Student Contributor (Part-time)

- Enhanced the Engineering College's visibility by managing social media presence and creating content.
- Led student teams on college-level projects, offering technical insights, devising novel approaches, and fostering teamwork.
- Contributed to shaping the college's public identity.
- Provided student perspective and feedback to faculty/staff regarding program initiatives and student engagement.

SKILLS

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|---|------------------------------------|
| ▪ Deep Learning | ▪ C Language |
| ▪ Computer Vision | ▪ Javascript/Django/HTML/CSS |
| ▪ Embedded Devices Programming | ▪ Circuit Design/Analysis |
| ▪ Python (inc. Pytorch/Tensorflow/Pandas/CV2) | ▪ Simulink/Simscape/MATLAB |
| ▪ Academic Research | ▪ Control Theory |
| ▪ Engineering Team Leadership | ▪ SQL |
| ▪ Digital Signal Processing | ▪ Data Preparation & Preprocessing |

PROJECTS

Comprehensive Project Portfolio: <https://www.linkedin.com/in/mah-sam/details/projects/>

