

Abdel-Rhman Adel Abdel-Samii

ECE Student

(+20) 1032803903 | abdelrhmansakr248@gmail.com | <https://github.com/abdelrhman-adel-sakr> | <https://www.linkedin.com/in/abdelrhman-sakr-6a80552b6/> | El obour, Cairo, Egypt | D.O.B: 24th Aug. 2003

About Me

An ambitious, multitasking Electronics and Communication Engineer eager to deepen my expertise in modern technologies and real-world applications across embedded systems, cloud computing, and IoT.

Education

Misr International University (MIU) | Cairo, Egypt | Sep 2021 – July 2026

Bachelor of Science in Electronics and Communication Engineering

GPA: 3.09

Projects

Smart Home Automation System | Embedded C, AVR, ADC, PWM

- *Integrated logic-driven control for fan and light systems based on sensor data.*

Maze Solving Robot (Logic Simulation) | Digital Logic, Electronics

- *Logic-gate-based robot algorithm simulated in hardware logic gates.*

Door Locker Security System | Embedded C, AVR, UART, I2C, EEPROM

- *Software-controlled system for door locking using user-defined passwords.*

Technical Skills

Languages: C++, C, Embedded C, MATLAB

Software & Frameworks: AUTOSAR

DevOps: Git/GitHub (Cloud, CI/CD, Linux in progress)

Tools: VS Code, Eclipse, Code Composer, Proteus, Multisim

Operating Systems: Linux (DevOps & Embedded focus), Windows

Certifications

- | | |
|----------------------------------|--------------------|
| - System Programming in Linux | - Udemy (May 2025) |
| - Standard Embedded Diploma | - Edges (2024) |
| - ARM Architecture Course | - Edges (2024) |
| - AUTOSAR Software Design Course | - Edges (2024) |