MAZEN ADEL
Giza
01152794877
LinkedIn
GitHub

I am a highly motivated individual with effective communication skills and a strong work ethic. I am a third-year computer engineering student at Cairo University Faculty Of Engineering Computer Department. I've always been interested in the world of computer engineering and programming.

EDUCATION

JULY 2026

BACHELOR OF COMPUTER ENGINEERING, FACULTY OF ENGINEERING CAIRO UNIVERSITY

I gained knowledge in various fields, such as Software engineering, Problem solving, Basic Hardware designing using Verilog, and Git. I am maintaining a good grade through my academic years, achieving Excellent overall Grade up until the second year.

TRAINING AND COURSES

JULY 2023

INTERNSHIP, ITI "IOT SUMMER TRAINING"

"I learned a variety of skills while being an intern in the ITI, including web design, Data bases and Using MOT platform (Master Of Things) to Implement real life solutions using IOT (Internet Of Things) technology.

SKILLS

- Proficient in English.
- Proficient in using all of Microsoft programs
- Leadership skills
- Ambitious
- Hardworking
- Clear communicator
- Problem solving skills
- Time Management

PROJECTS

- **Draw and Paint Game**

Using Object-Oriented Programming (OOP) concepts in C++, my team and I implemented a Draw and Paint game. The game allows users to draw shapes, lines, and text, and to save their creations.

- **Arithmetic Circuit**

Using simple AND, OR, and NOT gates, my team and I designed and built an electronic circuit that performs addition, subtraction, multiplication, and division.

- **Processor and Process Simulation**

Using data structures and algorithms in C++, my team and I created a simulation of processors and processes in a computer. The simulation allows users to experiment with different scheduling algorithms and to see how they affect the performance of the system.

- **AES Encryption Project**

Using Verilog (HDL), my team and I created a project that implements the AES (Rijndael) 256, 192, and 128-bit encryption algorithms. We then tested the code on an FPGA (field-programmable gate array).