

OMAR RASHAD

COMPUTER & SOFTWARE
ENGINEER

CONTACT

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SKILLS

Languages

| | |
|------------------|-------------|
| C++(verified) | <div></div> |
| Python(verified) | <div></div> |
| PHP(verified) | <div></div> |
| MS-SQL(verified) | <div></div> |
| HTML/CSS | <div></div> |
| Batch | <div></div> |

Tools & Technologies

| | |
|-------------------|-------------|
| Prezi | <div></div> |
| GIT / GitHub | <div></div> |
| Adobe Premier | <div></div> |
| Unix shell (bash) | <div></div> |
| Proteus | <div></div> |
| MakeFile | <div></div> |
| QT GUIs | <div></div> |

Soft skills

| | |
|------------------|-------------|
| Problem solving | <div></div> |
| Project managing | <div></div> |
| Touch typing | <div></div> |
| Presentation | <div></div> |

INTERESTS

- Hiking
- Gaming
- Reading
- Writing Blogs

PROFILE

Driven and experienced Computer & software Engineer with a passion for developing innovative and user-friendly applications. Proven ability to work independently and as part of a team Expertise in a variety of programming languages and technologies.

EDUCATION

High School

HAMZA School, Baniyas - Abu Dhabi - UAE | 2017 - 2019

Joined Advanced curriculum class. School highest final mark in first 2 years then the 2nd best total grade in final year (98.5%).

College

KSU ENGINEERING COLLEGE, Kafr El-Sheikh - EGY | 2019 - 2024

Scores between B,B+ in GPA grading system

EXPERIENCE

Best Member

MSP KSU (STUDENT ACTIVITY) | 2022 - 2023, Kafr El-Sheikh - EGY

Participating in projects, presentations, tasks and speaks about machine learning basics.

Instructor

KSU PROBLEM SOLVING | 2022 - Present, KafrEl-Sheikh-EGY

One of the first professional student activities in Kafr-Elsheikh's Engineering college. It Aims to help new students know more about ACM/ACPC contest. And get ready for it as well as their future CS career

Student Union

Quality section member | 2019 - 2021, Kafr El-Sheikh - EGY

Projects

- **Blood Donation Center** Database Using MS SQL.
- **BMP File Manipulation** App Using OOP paradigm & C++ Standard Libraries Only
- **Payment App** Using C.
- **Discord Bot** With Generative-AI Feature Using Python & Discord API.
- **Full-stack Website** (Programming Community Hub)
- **Smart Automated Car Parking** (OCR , Gmail, GUI , Arduino C++ , Python , SQL & DB included)

Mini-Projects

- **Key Recorder Tool** (Windows API & Python)
- **Design Hardware Circuit** (ADDER/ SUBTRACTOR – BCD LOGIC CIRCUIT)
- **Design & Implement PCB**: Simple Charging (Design via Proteus & Implementation done manually)
- **Bill Matcher** : using (CV Library & SIFT algorithm in Python)

COURSE

- **Mastering Python - PHP Bootcamp 2022** (ALZERO WEB SCHOOL)
- **C++ - Arabic Competitive Programming** (Prof.Moastafa Saad)
- **Level 2 Competitive Programming using C++** (Coach Academy)