

ABDELRAHMAN MAMDOUH FATOUH KASEM

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SUMMARY

A dedicated and analytical Computer Science student with a strong foundation in problem-solving, algorithms, data structures, and mathematics. Passionate about applying scientific principles to design efficient and innovative solutions. Committed to academic excellence and contributing to impactful projects in the field of computer science.

EDUCATION

Secondary School Diploma - IT Department

Sep 2022 - Jul 2025

Assiut Integrated Technical Education Cluster

- Specialized in computer networking and programming with a focus on algorithms, data structures, and the application of mathematical principles to create efficient solutions.

SKILLS

- Programming Languages:** C++, C#, JavaScript, HTML, CSS
- Database Management:** SQL Server, ERD, Normalization, Joins, Subqueries
- Networking:** Network Fundamentals, CCNA
- Tools & Platforms:** Microsoft Office Suite, Git & GitHub

PROJECTS

Restaurant Management System (Graduation Project)

- Developed a system to manage restaurant operations, including customer orders, menu management, and order processing. Designed a user-friendly interface and integrated backend for efficient data management. Ensured seamless communication between staff and kitchen.

Inventory Management Desktop Application (Freelance Work)

- Designed and developed a desktop application to manage inventory, track stock levels, sales, and restocking needs. Implemented a report generation system with alerts. Helped businesses maintain optimal stock levels and improve decision-making.

LANGUAGES

- Arabic:** Native
- English:** Proficient (B2 Level)

ACHIEVEMENTS

- Leader of the high school graduation project team.
- Obtained certifications in Data Science, Data Analysis, JavaScript, and Database.
- Solved over 200 problems on Codeforces