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EDUCATION

Bachelor of Statistics and Computer Science

University of Ain Shams • 2025

RELEVANT COURSEWORK

Data Structure and Algorithms

University of Ain Shams • C++, Python, Javascript

Object-oriented Programming

University of Ain Shams • C++, Javascript, Python

Database Management Systems

University of Ain Shams • MySQL

Design Patterns

Self-learning

PROJECTS

Visual Representation of Algorithms

https://mmedoo.github.io

- Visual demonstration of some algorithms, Using p5.js library, Basic frontend skills, I managed to bring abstract algorithms code to interact with the user in an appealing way.
- Along with explanation and actual algorithm implementation, All may contribute to the enhancement of these algorithms' understanding.

RELEVANT SKILLS

Programming languages: C++ , Python, Javascript.

Experience utilizing OOP and Data structures (C++, Python).

Experience with Relational DB (MySQL).

Experience Backend Technologies: Node.js, Express.js.

Strong knowledge of RESTful API design.

Experience with Frontend (HTML, CSS, Vanilla Javascript, React.js).

Experience with version control tools: Git, Github.

Basic knowledge of Docker and containerization.

Experience with Microsoft Excel and Data visualization.

Strong communication skills in both English, Arabic (Ex-Amazon Bilingual CS Associate).

Energetic and eager to learn and develop new skills and technologies.

Energetic and dynamic personality.