

Mohamed Hassan Ebrahim

+20 1098414383

Qaliub, AlQalyubiyah, Egypt | [linkedin](#) | [GitHub](#) | [Codeforces](#)

mohammedhassan4230@gmail.com

EDUCATION

Pursuing a Bachelor's Degree in Computer Science, Ain Shams University.

2019 – 2023 Expected

- o cumulative GPA 2.7
- o Sanafer High School 93.2%

PROJECTS

o [Egyptian League System](#)

oop - sql - java

- The Egyptian League is a system that enables
- The president of the Egyptian League to determine
- The matches and determine the time, stadium and referees.

o [Online Marketplace Management System](#)

c++ - data structure

- customer can buy products online by define the product and add it in the cart.
- admin can add or remove any product.

o Car website [watch video](#)

Html- Css -javascript

- Customer can see all cars and all information about cars by clicking on the car.
- Admin can add or remove car or change colors on the website.

o [Airline Reservation system](#)

- Analysis and Design for Airline Reservation system

o [View books](#) [watch video](#)

Java – Android studio– sql-Mvp

- Application mange people see all books and application have many categories of books .
- People can put any number of books in favourite list

o [compiler of tiny Language](#)

C#

- Define syntax of language using regex then applied in the project
- System check if input program match with rules then make token and lexeme
- System take token as input make parser tree

SKILLS

- o Technical skills :- C++ , JAVA , PYTHON , C# , javascript , sql server.
- o PROBLEM SOLVING: SOLVED 500+ PROBLEMS ON ONLINE JUDGES (EX: CODEFORCES, UVA ,VJUDGE AND SPOJ).
- o CONCEPTS OF PROBLEM SOLVING:

- STL - BASIC OF PROGRAMING LANGUAGE - GRAPH THEORY - NUMBER THEORY - RECURSION AND BACKTRACKING -

- DIVIDE & CONQUER - BINARY SEARCH

- GAME DEVELOPMENT: SFML.

- TECHNOLOGIES: HTML, CSS, ANDRIOUD, BACK-END.

ACHIEVEMENTS

- Passed Filtration contest at acm ascis.

- Attended software Testing training [certificate](#).

- Attended Robettech training

- Qualified to level 3 at [pst](#) in problem solving

- Relevant Coursework

- Compiler Theory , operating system , Algorithms , Object Oriented Programming , Data Structures , Linear Algebra ,

- Structured Programming , Discrete Mathematics , Artificial Intelligence , Computer Networks, , Database Management Systems.