

Rehab Mohamed Ahmed Lotfy

Computer engineering Student

📍 Cairo, Egypt

☎ +201006996439

✉ rehabmohamed151220@gmail.com
<https://github.com/rehabmohamed2>
[LinkedIn account](#)

Education

B.S. Computer Engineering

2020 – 2025

Student at 4th year, Helwan University, Faculty of Engineering.

Accumulative Grade: Very Good, 83%

High school diploma – Mathematics branch

El-Helmia language school

Grade: 96%.

Technical Skills

- C++ | java | Python | VHDL | MATLAB
- Object-oriented programming (OOP)
- Back-end web Development
- HTML | CSS | Linux OS
- React JS | Angular
- Data Structures and Algorithms | Deep learning
- Front-End Web Development.
- JavaScript | Typescript | Bootstrap | Restful APIs
- PHP | SQL | Laravel

Experience

Backend Internship – Ejada Systems Ltd

Jun - Aug 2024

Training on WSO2 integration platform and PL-SQL & SQL DB. Evaluation: 100%.

I got rank 1 in cyber security boot camp CTF Cyber talents [certificate](#)

May 2024

Frontend Web Development– ITI [certificate](#)

Jul. – Aug. 2023

Technology: HTML/CSS, Bootstrap, JavaScript, Object-oriented JavaScript
ES6, Angular, Node.js, ReactJS

Developing Mobile Applications using Android– ITI [certificate](#)

Sep. – Oct. 2022

Technology: Java

Android development training – ITI [certificate](#)

Aug. – Sep. 2021

Technology: Java

Front end web development professional track course [certificate](#)

Aug. – Sep. 2021

Company: egFwd, Udacity. Technology: HTML, CSS, JavaScript, Bootstrap, Restful APIs

Front end web development challenger track course [certificate](#)

2021

Company: egFwd, Udacity. Technology: HTML, CSS, JavaScript

Backend internship - ITI

Aug. 2021

Company: ITI. Technology: PHP, MySQL, Laravel

Software engineering internship [certificate](#)

July. 2021

Company: Misr Bank

Representative at faculty of engineering Helwan university

2021

Technical Projects

Java Socket Programming [\[link\]](#)

2024

Dynamic Malware Detection Tool Virus Total, PE FILE analysis, online scalding	2024
A self-driving car with Nvidia CNN model and Udacity simulation [link] Convolutional neural network	2024
Restaurant Registration website [link] HTML/CSS, JavaScript, Bootstrap, PHP	2023
Theater Seats Registration Website with ReactJS [link]	2023
Government Services System with Java and SQL [link]	2023
NRZ(L) to RZ (encoding & decoding) with MATLAB [link]	2023
MIPS-based 16-bit RISC Processor [link] 16-bit processor consisting of an ALU, register file, Instruction memory, data memory, PC and Flag register, program counter (PC), Instruction memory: 16-bit ROM of 256 locations, using VHDL, FPGA kit, GTKwave, Quartus	2022
Chicken Invaders Shooter Game [link] Technology: Python, OOP	2022
Super Mario Game [link] Technology: Python, OOP	2022
Dress Store website [link] Technology: JavaScript, HTML, CSS	2022
Flight and Hotel registration app - Java GUI project [link]	2022
Embedded Systems – Smart Home (Embedded C)	2022
Landing web page – front end web development [link] Technology: HTML, CSS, JavaScript, Bootstrap, Restful APIs	2021
Weather journal web app – front end web development [link] Technology: HTML, CSS, JavaScript, Bootstrap	2021
Learning web site – full stack web development Technology: HTML, CSS, JavaScript, Bootstrap, Restful APIs, PHP, Laravel	2021
Heat Alarm and Sensor using op amp on bread board project Technology: Proteus, Simulide	2021
Online Super Market Management System - C++ & OOP Project [link] Online Marketing by adding and updating and deleting and buying objects	Dec. 2021
C++ Project Add and delete and update employee's data	2021
Assignments in VHDL <ul style="list-style-type: none"> Multiplier Traffic Multiplexer Ddfs Adder FGPA development Shift register 4-bit Counter with clock divider Register Ram 	2022
Counter of hours and minutes using hardware and software using proteus simulation program	2021