Youssef Tarek Mehany

Personal Information

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- Github: https://github.com/YoussefMehany

Summary

- A Computer Engineering college student aspiring to become a software engineer
- In search of an entry-level software engineer position that combines technical knowledge with practical applications to make a meaningful impact on the business.

Education

Cairo University
Bachelor of Science – Computer Engineering.   Sep 2021 - July 2025.
Total grade: 94%

Udacity
Nanodegree - Numerical Optimization.   Aug 2022 - Sep 2022.

Experience

Community Member
ICPC - International Collegiate Programming Contest.   Sep 2021 - Present

- Practiced problem solving using data structures and algorithm to solve difficult real life problems and applications

Taqaddam Program Trainee
British Council   Jan 2020 - Nov 2020.
- Worked with a team to create a shoes that helps blind people by guiding them using a ultrasonic sensors and buzzers.

Skills

- Programming languages: C, Python, C++, Java
- Soft Skills: Leadership, Problem Solving, Teamwork, Time Management, Self-motivated, communication.
- Good knowledge in performance engineering

Achievements

- Earned the third place team in Taqaddam final project

Projects

Paint Desktop Application
A GUI application where you can draw, delete, move and edit shapes. It also has all other functionalities such as undo, redo and recording actions.
It's mostly implemented using C and C++
Project Link: Paint Application

Process Scheduler
Process Scheduler project involves designing and implementing a software system that manages the allocation of computing resources, such as the CPU and memory,
to various processes running on a computer system.
The Goal of this project is to ensure that each process receives a fair share of the resources
and that the system operates efficiently and smoothly.
Project Link: Process Scheduler

Muhammad Amr

Giza, Egypt
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Summary

Highly motivated and dedicated computer engineering student with a strong passion for technology and problem-solving. Possesses a solid foundation in programming and algorithms. Adaptable and resilient when faced with complex technical concepts and tight deadlines.

Experience

01/2023 - Current

Egyptian Colligate Programming Contest
ACM ECPC Community Member and 2023 ECPC Qualifications Contestant
- 8th place among CUFE teams.
- 24th place among 168 participating teams.

Skills

- Programming Languages: C++, C, Java, JavaScript, Python.
- Soft Skills: Leadership, Problem Solving, Teamwork, Time Management, Self◉motivated, communication.

Education

2021-2026

Cairo University, Faculty of Engineering-Computer Department - Giza
3rd year Student:
Cumulative Grade Percentage: 88% "Excellent"

Projects

- **Tips Calculator**: It's a frontend project which has a friendly GUI that helps to calculate tips by person of some budget provided. It's also responsive with different screens. [Project Repo](#) [Live Project](#)

- **Paint Desktop Application:** A GUI application where you can draw, delete, move and edit shapes. It also has all other functionalities such as undo, redo and recording actions. It's mostly implemented using C and C++. [Project Repo](#)

- **Process Scheduler** Process Scheduler project involves designing and implementing a software system that manages the allocation of computing resources, such as the CPU and memory, to various processes running on a computer system. The Goal of this project is to ensure that each process receives a fair share of the resources and that the system operates efficiently and smoothly. [Project Repo](#)