Omar Ayman Gaber

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LeetCode | Codeforces

Education

Fayoum University   Oct 2022 – Present
Bachelor in Computer Science
- **Grade: Very Good**
- **GPA: 3.29/4**

Professional Experience

ALX Arabia   Jul 2024 – present
AI Career Essentials Intern   Internship (Part-Time),
Remotely

Digital Egypt Pioneers Initiative - DEPI   Jun 2024 – Present
PHP Full-Stack Developer Intern   Internship (Part-Time),
Hybrid
- Full-Stack web development internship provided by Ministry of Communications and Information Technology - MCIT.
- Front-End skills :
  - HTML | CSS | JavaScript
- Back-End skills :
  - PHP | Laravel | SQL | MySQL
- CMS :
  - WordPress

Skills

Languages: C++ | HTML | CSS

Technical Skills: OOP | Problem-Solving | Competitive-Programming

Tools/Technologies: GitHub

Soft Skills: Communication | Collaboration | Self-Motivated | Self-Learner | Eager to learn

Others: Fast typing (28 WPM) | Searching | MS office

Projects

Tic Tac Toe (XO) Game   Mar 2024 – Mar 2024
- Engineered a feature-rich XO game console application in **C++**, enhancing functionality and implementing security measures that reduced potential vulnerabilities almost by 50% and increased code stability.
- There are 2 modes in the game :
  - Player VS Player | Player VS Computer

VOICE NEWS   Dec 2023 – Jan 2024
- Developed a dynamic Front-End website with **HTML**, **CSS**, and **JavaScript** in collaboration with 5 classmates; showcased during the Fundamentals of Information Systems course, **earning a grade of 95%** and positive feedback from peers.
- The website has 3 primary categories of news :
  - Political news | Sports news | Technology news

Library management system   Nov 2023 – Nov 2023
- Built an intuitive **C++** console application enabling administrators to efficiently manage library resources, including adding books and users, resulting in a nearly 50% reduction in manual administrative tasks.

Hospital management system   Oct 2023 – Oct 2023
- Implemented a **C++** Hospital Management System designed to enhance patient and doctor interactions.
- The system allows users to select from up to 20 specializations, each with a maximum of 5 available slots.
- If no slots are available, the system promptly notifies the users.
- Additionally, the system efficiently organizes patients based on urgency, ensuring that urgent cases are prioritized for immediate attention by doctors.

Volunteering Experience

VEP - Volunteers Empowerment Program   Aug 2023 – Sep 2023
Information Security fundamentals program member

IEEE Fayoum Student Branch   Nov 2022 – Aug 2023
Problem Solving team member

Honors & Awards

ECPC Qualifications 2023   Aug 2023
ICPC ECPC Qualifications Collegiate Programming Contest
- Ranked **101th** at ECPC Qualifications 2023.

Best member of Problem Solving team of the year 2023   Apr 2023
IEEE Fayoum Student Branch, Problem Solving team

Languages

Arabic: Mother tongue

English: A2.3