

Yousef Ashraf Ragab

Computer Science Student | MSA University

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🐙 GitHub: <https://github.com/yousefee33>

Education

B.Sc. in Computer Science

MSA University, Cairo, Egypt

2023 – Expected 2027

GPA: 3.0

Technical Skills

Languages & Frameworks:

C++, Python, HTML, CSS (Vanilla, Bootstrap, Tailwind), JavaScript (Vanilla, React.js), PHP

Tools & Technologies:

Git, MySQL, OpenCV, MongoDB, Matplotlib, NumPy

Experience

Freelance Full-Stack Developer

Self-Initiated Project – Remote

Jan 2025 – Present

- Built a full-stack website for a football pitch booking system from scratch.
- Implemented frontend (HTML, CSS, JavaScript) and backend (PHP, MySQL).
- Designed the UI and integrated booking, login, and admin management features.

Course Projects Contributor

MSA University – Cairo, Egypt

2023 – Present

- Worked on multiple academic projects during CS coursework.
- Gained experience with object-oriented programming, web development, and software design.

- Collaborated with team members on assignments and practical labs.
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Projects

Cyberpunk 2077 Survey Portal

HTML, CSS, JavaScript

[GitHub](#)

- Developed an interactive, visually immersive survey site with 15+ custom animations.
- Built using Vanilla JS, CSS animations, and Web Audio API.
- Achieved 95+ Lighthouse accessibility score and optimized animation performance.

Court Booking Management System

PHP, MySQL, HTML, CSS, JavaScript

[GitHub](#)

- Full-stack web app for managing sports court reservations with user and admin dashboards.
- Built backend and major UI components; used SRS, class diagram, and use case diagrams for design.

Hotel Booking System (Console App)

C++

[GitHub](#)

- Created a C++ console application for hotel room reservations.
 - Implemented file handling and OOP for persistent data management.
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Selected Academic Projects (MSA University)

- **Face Recognition using Eigenfaces (PCA)** – Python, NumPy, OpenCV
[GitHub](#)
- **Caesar Cipher in Assembly (MIPS)** – Encryption/Decryption via modular arithmetic
[GitHub](#)
- **2D Platformer Game (C++)** – ASCII game with enemy AI, gravity, and shooting mechanics
[GitHub](#)

- **Diabetes Data Visualization** – Statistical analysis using Pandas, Seaborn, Matplotlib
[GitHub](#)
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Certifications

- **Responsive Web Design** – FreeCodeCamp
[View Certificate](#)
 - **AWS Educate: Introduction to Cloud 101** – AWS/Credly
[View Certificate](#)
 - **Active & Passive Reconnaissance** – TryHackMe
[View Profile](#)
 - **Introduction to MongoDB** – Mahara-Tec
[View Certificate](#)
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Languages

- **Arabic:** Native
 - **English:** Fluent
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Interests

- **Cybersecurity**, focusing on SOC analysis, reconnaissance, and threat detection
- **Game security**, including reverse engineering prevention and anti-crack systems
- **Web Development**, including front-end UI/UX and back-end logic/database design
- **Cloud Computing**, especially AWS and scalable infrastructure