



Philopateer Osama Onsy

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Summary

Motivated and detail-oriented Computer Science student with strong skills in Python, C++, and embedded systems. Proven experience in web development and competitive programming. Adept at working in teams, solving problems efficiently, and delivering high-quality projects under deadlines. Seeking an opportunity to apply technical and collaborative skills in a professional environment.

Education

Bachelor of Science in Computer Science

Egyptian Chinese University (ECU) – Cairo, Egypt

Expected Graduation: June 2027

Technical Skills

- Languages: Python, C++, JavaScript
- Web: HTML, CSS, Git, GitHub
- Tools & Concepts: Embedded Systems (Basics), Version Control , PowerPoint
- Soft Skills: Fast Learner, Time Management, Presentation Skills, Teamwork

Projects & Achievements

Firefighting Robot (Embedded Systems Project)

- Built an autonomous robot capable of detecting and responding to fire using embedded systems.
- Integrated sensors, microcontrollers, and real-time logic.

Web Development Portfolio

- Developed multiple responsive web apps using HTML, CSS, JavaScript.
- All projects available on GitHub: [Philopateerosama](#)

ICPC Competitive Programming – ECU Team

- Participated in solving complex algorithmic problems using C++.
- Strengthened data structures, time complexity optimization, and teamwork under pressure.

Robotics Championship – Best Presentation (1st Place)

- Designed, built, and presented a robotic solution, earning top recognition for technical explanation and visual delivery.

Courses & Certifications

- 100 Days of Code: The Complete Python Pro Bootcamp (In Progress):
Udemy – Comprehensive course covering Python programming, OOP, web development (Flask), APIs, automation, data science basics, GUI apps, and project-based learning.
- Cyber Security Training (In Progress):
National Telecommunication Institute (NTI) – Hands-on training in networking security, penetration testing basics, and ethical hacking fundamentals.
- Competitive Programming Training (Completed February 2025):
Egyptian Chinese University & Coach Academy – Completed 50 hours of intensive competitive programming training focusing on problem-solving, data structures, and algorithms, achieving strong performance in the final contest.
- IC3 Internet & Computing Core Certification (Completed October 2021):
Certified by the General Agency for Organization & Administration – 30-hour program covering essential computer and internet skills with an excellent grade.

Links:

- LinkedIn:
[philopateer-osama](#)
- GitHub:
[Philopateerosama](#)