

Ahmed Bahy Youssef

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PROFILE

Dynamic and driven Computer Science student with a passion for problem-solving and a keen interest in both competitive programming and Back-End development. Currently pursuing a degree in Computer and Communication Engineering at the Faculty of Engineering, Shoubra. Proficient in C++ and Python programming languages, adept at tackling challenges on platforms like Codeforces and LeetCode. Seeking to leverage my skills and academic background to pursue a career as a software Engineer or Back-End developer. Eager to contribute innovative solutions to real-world problems and continuously enhance my expertise in the field Back-End development.

EDUCATION

Bachelor of Science in Computer and Communication Engineering 2021 – present
Faculty of Engineering, Shoubra Cairo, Egypt
Grade: Excellent (3.7)

LANGUAGES

Arabic ● ● ● ● ● English ● ● ● ● ●

SKILLS

Tools / Programming Language	C++ - Python
Data Manipulation and Visualization	NumPy, Pandas, Matplotlib, Seaborn.
Knowledge Topic	Algorithms and Data Structure - Version Control (GitHub and Git) - OOP
Competitive Programming	
Specialist @Codeforces	
Top 40% @LeetCode	
Solved over 2000 problems on various online judging platforms.	
Soft Skills	Leadership - Work under pressure - Instructor - Presentation – Self learning
Projects	

- 1- **Online Gaming Store** Developed a secure and feature-rich online gaming store website as a full-stack project, utilizing **HTML, CSS, JavaScript, PHP, and MySQL**. Implemented dynamic front-end features such as interactive sliders, game filtering, dropdown menus, and popups to enhance user experience. Employed PHP and MySQL to establish a robust back-end system, including user authentication, profile creation, and secure storage of sensitive data such as credit card information. Integrated PHPMailer for password recovery functionality, ensuring users can regain access to their accounts securely. ([Showcase](#))
- 2- **Sales Management system** Developed a **Java** sales management system incorporating user-defined custom exceptions to handle specific scenarios efficiently. Implemented object-oriented programming principles such as inheritance and polymorphism to create a modular and extensible codebase. Designed a user-friendly interface facilitating seamless interaction across various categories, showcasing expertise in Java development and clean coding practices.

CERTIFICATES

ECPC 2023 Qualifications 🔗

ORGANIZATIONS

SFE-ICPC 08/2023 – present
Coach