Ahmed Osama *Student @ FCAI - CU*

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Education

B.S. in Computer Science   Oct 2022 – May 2026
Cairo University - Faculty of Computers and Artificial Intelligence   Cairo, Egypt

Skills

Tech Stack (*C#, C/C++, Java, JavaScript, Typescript, and Python*)

Problem Solving (*Codeforces Solved +700 Problems & reached Specialist.*)

Concepts (*Object-Oriented Design, Algorithms, Data Structures, RESTful APIs, RDBMS, SOLID, Design Patterns, NoSQL database, AJAX, ORM* (*Object / Relational Mapping*), *System Design and Git.*)

Technologies (*ASP.NET MVC / API - Entity Framework Core - ReactJS – MS SQL Server - MongoDB*)

Projects

Student Registration System
Console Application (*C++ / Java*)
The Student Registration System is a console application project designed to facilitate subject registration for students in a university
setting. The system allows doctors to add courses, students to register for courses, submit assignments, and receive marks.
- **GitHub repository:**
  - **C++:** repository ⌁
  - **Java**: repository ⌁

YouTube Video Downloader
Console Application (*Python*)
The YouTube Downloader App is a Python-based application developed using the procedural paradigm.
- **GitHub repository:** repository ⌁

Interactive Front-End Website
Website (*HTML, CSS, and JavaScript*)
The Interactive Front-End Website is a project focused on practicing and showcasing various front-end development skills, including HTML, CSS, and JavaScript.
- **GitHub repository**: repository ⌁
- **Preview:** link ⌁

Bank System
Console Application (*C++*)
A C++ Console Application following the Three-Tier Structure Implementing Programming Fundamentals.
- **GitHub repository**: repository ⌁

Awards

100th Place in The 2023 ICPC Egyptian Collegiate Programming Contest   Aug 2023
"ACPC Qualifications" ⌁
ICPC