Ahmed Osama

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Summary

- Highly motivated student seeking to be a Software Engineer. Passionate about computer programming and Problem-solving with a strong foundation in computer science and seeking to participate in the **ICPC** World Finals.

Education

- **B.S. in Computer Science**, October 2022 – June 2026
  Cairo University - Faculty of Computers and Artificial Intelligence
  GPA: 3.67

Skills

- **Tech Stack:** C++, C#, Java, JavaScript, and Python
- **Problem Solving:**
  - **Codeforces** Solved **+700** Problems & reached **Specialist**.
  - **100th** Place in Egyptian Collegiate Programming Contest (**ECPC**) 2023 "ACPC Qualifications"
- **Concepts**: Object-Oriented Design, Algorithms, Data Structures, RESTful APIs, RDBMS, SOLID and Design Patterns
- **Technologies:** MERN Stack

Projects

- **YouTube Video Downloader**
  - The YouTube Downloader App is a Python-based application developed using the procedural paradigm.
    - **Programming Language**: Python
    - **GitHub repository**: repository

- **Student Registration System**
  - The Student Registration System is a 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.
    - **Programming Language**: C++ - Java
    - **GitHub repository**:
      - **C++**: repository
      - **Java:** repository

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

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