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Objective

Motivated Computer Science student (Cairo University, Class of 2027) seeking an internship or junior software developer role to apply strong skills in C++, C#, Python, and full-stack development in a collaborative team environment.

Education

B.Sc. in Faculty of Computers and Artificial Intelligence Cairo University, Egypt 2023 – Expected 2027
Relevant Coursework:
- Data Structures and Algorithms
- Object-Oriented Programming
- Solid Principles
- Advanced Database
- Web Development

Technical Skills

- **Programming Languages:** C++, Java, Python, C#
- **Web Development:** HTML, CSS, JavaScript (basic), Django (basic)
- **Databases/Tools:** SQL Server, Git, VS Code, VS 2022, PyCharm.
- **Concepts:** Object-Oriented Programming (OOP), Data Structures, SOLID Principles.

Projects

Online Library System (Django, 2025)

- Developed a full-stack web app for book borrowing with admin and user roles.
- Implemented user authentication, profile management, and CRUD operations.
- Collaborated in a team of 6 using Git for version control.

Conference Management System (C# + SQL Server, 2025)

- Built a desktop application to manage conferences, sessions, attendees.
- Integrated SQL Server for persistent data storage.
- Designed WinForms interface with CRUD functionality.
- Collaborated in a team of 6 using Git for version control.

Data Structures Implementation (C++, 2025)

- Implemented core data structures from scratch, including Linked List, Stack, Queue, and AVL
- Focused on correctness, time complexity, and modular design.
- Collaborated in a team of 4 using Git for version control.

Personal Investment Management (java, 2025)

- A Java GUI-based Personal Investment Management System.
- Helps users track, add, and manage their financial investments visually and interactively.
- Collaborated in a team of 3 using Git for version control.

Library Management System (java, 2025)

- A simple Java console-based Library Management System for managing books and users.
- Supports adding, searching, issuing, and returning books.

All-Games (C++ + Qt,2024)

- Designed and implemented a responsive board games developed using C++ and Qt framework.
- including games like: Connect Four, Numerical Tic Tac Toe, reverse Tic Tac Toe, and more...

Task Manager (C++,2024)

- A C++ console-based Task Viewer system that displays task data for predefined users.
- It showcases tasks in multiple formats per PID, by Session name, and more using OOP.

Document Similarity (C++,2024)

- A console-based app written in C++ that calculates the similarity between two text files.
- it uses file I/O for reading documents and outputs the similarity score.

Problem Solving Practice (C++, 2023–Present)
- Regularly solve algorithmic problems on Codeforces to improve problem-solving skills.
- Focused on efficiency and optimized algorithms.

Experience

Team Projects & Assignments (2023–Present)
- Collaborated effectively on academic projects using Git.
- Practiced teamwork, task distribution, and code reviews.

Languages
- Arabic: Native
- English: Very Good (Written and Reading), Good (Spoken)
- French: Good