Shams Emam

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About Me

I am a Computer Science student passionate about problem-solving and backend development. I focus on designing scalable systems, optimizing databases, and ensuring seamless integration. As an eager learner, I thrive in collaborative environments and aim to contribute to impactful projects. My goal is to grow as a backend developer and create efficient, value-driven tech solutions.

Achievements

- Ranked 57th among 162 teams in the Egyptian Collegiate Programming Contest (2024).
- Participated in the 2024 ECPC solving 3 challenges as a team.
- Codeforces handle: shamsEmam.

Education

Bachelor's Degree - Faculty of Computer Science and Information Technology, Modern Academy (2022 - Jul 2026)

Internships & Training

- Div Academy (Nov 2022 - Dec 2022): Data Structures, Algorithms, PS Track
- Coach Academy (Nov 2023 - Dec 2023): ANN, CNN, K-Means
- IT Sharks (Nov 2023 - Dec 2024): ML/DL Track, Visualization, Seaborn, Matplotlib, NumPy, Pandas, ML Model Training

Skills

Programming Languages: C++, Python, JavaScript, Java, C#
Web: HTML, CSS
Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms
Database: SQL
Tools: Git, Microsoft Office
Libraries: NumPy, Pandas, Matplotlib, Seaborn

Projects

- Hospital System | Java (OOP), SQL
- Coffee Shop Website | HTML, CSS, JavaScript
- Detect Type for Photo | DL Model (CNN, ANN)

Extra-Curricular Activities

- Enactus Tech Track Member: Worked on a team project for recycling eggshells and developed the marketing website for the product.