Diaa ElDeen Amin Ibrahim Fouad

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EDUCATION

Misr International University   Cairo, Egypt
Bachelor of Computer Science (Expected July 2027)   *October 2023 – Present*
- Relevant coursework: Problem Solving, Data Structures, Algorithms, OOP, Web Development, CCNA, SOC

TECHNICAL SKILLS

Programming Languages: C++ (Advanced), Java, JavaScript, HTML/CSS
Frameworks/Tools: Node.js, MongoDB, SQL, Git
Software: VS Code, Visual Studio, Adobe After Effects, Illustrator
Networking: CCNA (In Progress), SOC (In Progress)
Languages: Arabic (Native), English (Professional Working Proficiency)

PROJECTS

C++ Projects Collection | *C++, Data Structures, Problem Solving*   (GitHub)
- Compiled and uploaded all individual C++ academic and side projects into one organized GitHub repository.
- Projects include simulations, algorithmic comparisons, system designs, and interactive games.

Clinic Management System | *Java, OOP*   (GitHub)
- Developed a GUI application for managing patient records and doctor appointments
- Implemented search functionality with filters for patient history tracking

Movie Database Platform | *Full Stack JavaScript*   (GitHub)
- Architected responsive frontend with dynamic content loading and rating system
- Integrated backend services with MongoDB and Node.js for persistent data storage

COURSES & CERTIFICATIONS

Problem Solving, Data Structure with C++   Sep 2023 – June 2024
Misr International University   *Cairo, Egypt*
- Mastered core programming concepts: loops, functions, data structures, Algorithms
- Developed 5 complex projects 2 for demonstrating problem-solving skills and 3 for data-structure and algorithms

Motion Graphics   Feb 2024 – Present
Tahalip Academy   *Online (Drive)*
- Proficient in Adobe After Effects and Illustrator for animation workflows
- Created educational animations following style guidelines

CCNA (In Progress)   May 2025 – Present
Self-Study   *Online*
- Studying Cisco Certified Network Associate curriculum focusing on networking fundamentals, IP connectivity, and security

SOC (In Progress)   May 2025 – Present
Self-Study   *Online*
- Exploring Security Operations Center concepts, including threat detection and incident response