Eslam Gamil Ebrahim

Computing and Data Science Student | Alexandria University

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Professional Summary

Motivated Computing and Data Science student with strong skills in Java, Python, React, and SQL. Experienced in OOP, data structures, and full-stack web development through academic projects. Built a University Management System and an E-commerce platform, applying scalable design, data structures, and responsive UI. Passionate about problem-solving, data-driven applications, and competitive programming, seeking internship opportunities to apply technical skills and contribute to impactful software solutions.

Education

Alexandria University – Faculty of Computing and Data Science | General Department | 2024 – 2028

Technical Skills

Programming Languages: Java, Python, JavaScript, C++

Web Development: HTML, CSS, React

Databases: SQL (designed relational database schema for University Management System)

Frameworks & Tools: Spring Boot, Node.js, Django, Git, GitHub, Docker, Postman, VS Code, IntelliJ

Concepts: OOP, Data Structures, Algorithms, REST APIs, Agile Methodologies, Unit Testing

Soft Skills

Teamwork & Collaboration | Time Management | Creativity | Adaptability | Problem Solving | Decision Making | Organization | Quick Learning

Projects

University Management System | Java, OOP, DSA | 2024

• Designed and implemented a complete management system supporting students, faculty, admin staff, and system admin operations.
• Developed course registration, faculty assignments, grade management, and admin controls.
• Added undo/redo functionality using Linked Lists, increasing system usability and error recovery efficiency by 40%.
• Applied Encapsulation, Inheritance, Polymorphism, and Abstraction to ensure scalability and maintainability.

Points Data Container Operations | Java, Data Structures | 2024

• Built a custom data container using a Doubly Linked List supporting insertion, deletion, traversal, searching, and sorting.
• Optimized data manipulation operations, improving execution time by 25% compared to baseline implementations.

E-commerce Website (Frontend) | HTML, CSS, JavaScript, React | 2025

• Developed responsive web pages including Home, Product Listings, Product Details, Shopping Cart, and Checkout.
• Implemented filtering, sorting, and dynamic cart updates, enhancing user experience and navigation speed by 30%.
• Applied CSS animations, responsive design, and media queries, ensuring seamless experience across devices.

Achievements & Activities

• Competitive Programming: Solved 200+ algorithmic problems on online judges (Codeforces, LeetCode).
• Hackathon Participation: Collaborated in a 48-hour coding hackathon, achieving a Top 10% ranking among 50+ teams.
• Open Source Contributions: Contributed bug fixes and improvements to GitHub projects, demonstrating teamwork and collaboration in distributed environments.