Hour Alhejress

Computer Science Student

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GitHub: https://github.com/Hour-A11 | Portfolio: https://hour-a11.github.io/Portfolio/ | Saudi Arabia

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SUMMARY

Computer Science student at Qassim University, expected to graduate in 2027, with a strong foundation in programming, data structures, algorithms, and software engineering. Experienced in academic projects using Java, Python, C++, databases, and basic machine learning techniques. Seeking a Summer Internship or Training opportunity to gain hands-on industry experience.

EDUCATION

Bachelor of Computer Science — Qassim University (Expected Graduation: 2027)

TECHNICAL SKILLS

Programming Languages: Java, Python, C++
Databases: SQL, SQLite
Machine Learning: Logistic Regression, Random Forest, Classification, Data Analysis
Tools and Technologies: Microsoft Access, GitHub, Microsoft Office, Matplotlib, Seaborn
Computer Science Concepts: Data Structures, Algorithms, Object-Oriented Programming, Software Engineering, System Analysis
Web Development :HTML, CSS, JavaScript

PROJECTS

Aircraft Runway Scheduling System: Designed an optimized runway scheduling algorithm using Priority Queue while considering flight priority, runway availability, and safety constraints.

Aircraft Scheduling Using Naive and Optimized Algorithms: Developed a scheduling system to reduce runway congestion and waiting time through algorithm optimization.

Heart Disease Prediction Using Machine Learning: Built predictive models using Logistic Regression and Random Forest after data preprocessing and feature engineering.

Hospital Management System: Developed a Java and SQLite-based system with role-based authentication, appointment scheduling, and report generation.

Saudi Green Project (SRS): Applied software requirements engineering and system analysis concepts to a sustainability-focused project.

To-Do List Application: Implemented a task management application using Single Linked List with add, update, search, display, and delete operations.

LANGUAGES

Arabic (Native), English (Fluent), Turkish (Advanced)