Ali Badarne

Computer Science Student | Passionate About Software Engineering & Problem Solving
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GitHub | LinkedIn

Education

B.Sc. in Computer Science
Ben-Gurion University of the Negev
Expected Graduation: Aug 2027

Relevant Coursework: Java, Data Structures, Algorithms, OOP, Python

Technical Skills

Languages: Java, Python, C#, SQL
Web: HTML, CSS
Core: Data Structures, Algorithms, OOP, Database Design, API Integration
Spoken: Arabic (Native), English (Fluent), Hebrew (Proficient)

Summary

Motivated Computer Science student with strong foundations in Java, Python, SQL, and data structures. Hands-on experience in backend systems, data analysis, and software engineering practices. Seeking a software engineering internship.

Projects

Expense Tracker (Java)
- Java-based expense management system with file-based storage.
- Implemented OOP principles, exception handling, and modular design.
- Added API key authentication.
Skills: Backend development, file handling, authentication, design patterns.

TransitPulse-IL
- Transit data application analyzing real-world datasets.
- Implemented parsing, storage, and efficient search queries.
- Optimized algorithmic efficiency for queries.
Skills: Data analysis, database concepts, optimization, software engineering.

Additional Experience

- Implemented advanced data structures (AVL trees, B-trees, heaps, hash tables).
- Algorithm design with complexity & amortized analysis.
- Participated in coding challenges and competitions.

Activities & Interests

- Active in coding challenges and study groups.
- Interested in backend systems, distributed computing, cybersecurity, and applied AI.