

GAL HALIFA

SOFTWARE ENGINEER STUDENT

CONTACT

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EDUCATION

Software Engineering -
Ben-Gurion University -
2021-CURRENT
GPA - 84

PROFESSIONAL SKILLS

- OOP
- Java
- C++
- Python
- SQL
- C
- Javascript
- Git
- JPA & Hibernate
- vaadin

LANGUAGES

- Hebrew & English (Fluent)

PROFILE

Motivated software engineering student with strong problem-solving skills and experience in building and improving systems. Skilled at understanding big systems and coming up with creative ideas. A team player with a passion for learning and achieving results.

PROJECTS

- Supermarket Management System: Developed a scalable, object-oriented system in Java to automate employee management, inventory control, and delivery logistics, utilizing SQL for data management and Git for version control to ensure collaboration and code integrity.
- E-commerce Application: Developed an Amazon-like application featuring a Java backend and a Vaadin-based frontend, employing Hibernate and JPA for data management, and deployed on an Amazon AWS server for scalable performance.
- Developed a multi-threaded Java application simulating the Set card game, utilizing synchronized threads for managing concurrency and Maven for build automation.
- Developed a multi-threaded Python client-server application for a trivia game using TCP/UDP sockets, enabling real-time communication between multiple clients and a server.
- Developed a C# Kanban board application with a WPF-based graphical interface and SQLite database management, designed with a layered architecture for task management.

WORK EXPERIENCE

Oz & Hadar - Scheduling and Operations Supervisor

2020 - 2025

Responsible for creating work schedules under various constraints and supervising employees to ensure proper operations. Additionally, initiated and developed internal tools and automation projects to improve scheduling efficiency and simplify operational workflows

MILITARY SERVICE

Military Fitness Instructor 2016-2018

volunteer (diabetes type 1)

-Completed a professional gym instructor course at Wingate Institute.