Ahmad Awawdy

Aspiring Software Engineer seeking a new position to build impactful solutions

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Education

Ben-Gurion University Beer Sheva
Department of Engineering - Software Engineering 2020-2025
Relevant Courses: System Programing: 82, Object Oriented Programing: 88, Operating Systems: 80
Extended System Programing Labs (Computer Architecture): 89, Analysis and Design Software Systems: 86
Foundations of Software Engineering: 80, Software Project Workshop: 94, Seminar/Final Project 1: 94.
Udemy
The Complete Full-Stack Web Development Bootcamp 2025
Completed a 61+ hour hands-on Udemy bootcamp covering full-stack web development with HTML, CSS, JavaScript, React.js, Node.js, Express.js, and PostgreSQL, including projects on APIs, authentication, and deployment.

Academic Projects

- **Market Management System:** Market Management System is a Java-based application designed to efficiently manage a market website, including user, store, product management, and order processing. This project leverages the power of the Spring Framework and Spring Data JPA for a robust data access layer and Hibernate for ORM and all operations within this project are designed to be thread-safe, comprehensive test suites, including unit, acceptance, and integration tests using Spring Boot.

- **Multi-Agent Pathfinding Simulator (ROS2 & Gazebo):** Engineered a modular multi-agent pathfinding simulation platform using ROS 2 and Gazebo to run complex, obstacle-rich scenarios with custom multi-pathfinding Python algorithms, Integrated Pygame for pre-simulation path visualization, built a Flask-based web interface (HTML/CSS/JS) for scenario management, and added support for exporting simulation performance metrics, Gained strong expertise in Python, Linux CLI, ROS 2 architecture, Git workflows, and collaborative development in low-documentation, research-driven environments

Experience

Wolt Beer Sheva
Courier 2023 - now
- Delivering a wide range of orders efficiently and on time while maintaining excellent customer service and reliability.

Ben-Gurion University Beer Sheva
Private tutor 2021 - 2023
- A private tutor of Introduction to Computer Science course for first year university students, helping them solve tasks, understand the materials, and prepare for exams.

Skills

Technical: Java, SpringBoot, Python, Flask, C++, C, C#, HTML, CSS, NodeJS, Express, JavaScript, JQuery, TypeScript, SQL.

Tools: Interested in AI and Multi-Agent Path Finding (MAPF), focusing on path planning and optimization algorithms, Strong problem-solving and troubleshoot issues skills, Good understanding of Object-oriented programming, experience with Git, Multi-Threading, Linux Shell, Bash scripting, Test Driven Development (TDD), Unit Testing, Acceptance Testing, Junit, Pytest. Refactoring, Data Structures, Design Patterns, RestAPI, Data Bases; PostgreSQL, SQLite, Firebase.

Language: Arabic - mother language, English – fluent, Hebrew – fluent