ALMOG SITON

SOFTWARE DEVELOPER

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OBJECTIVE

I am a motivated Computer Science graduate, seeking an entry-level software development role to apply strong programming skills, problem-solving abilities, and academic experience in designing and building robust applications. I have a deep interest in backend development, where I enjoy creating the logic that powers applications, working with databases to analyze and organize data efficiently, and coding in Python. Eager to contribute to innovative projects and grow within a collaborative development team.

EDUCATION AND CERTIFICATION

Open University – B.Sc. Computer Science
2019-2025

TECHNICAL SKILLS

Languages & Technologies: Java, Python, C, C++,C# (.NET Core), React, SQL, JavaScript, HTML, CSS
Backend: Java EE, Servlets, JDBC, Socket Programming, ASP.NET Core, RESTful API development
Frontend**:** JavaServer Faces, AJAX, basic JavaScript, React
Databases: Derby, SQL Server, Entity Framework Core, writing complex SQL queries
Security & Systems: AES Encryption, RSA, SHA-256, secure OTP-based key derivation
Tools & Environments: GitHub, Linux, NetBeans, PyCharm, Eclipse, Visual Studio Code

PROJECTS

Full-Stack Movie Rental Web Application https://github.com/Almogsiton/Almoviland
Developed a Java EE web app for managing users, movies, and rentals, with features like role-based access, credit card validation, and borrowing limits. Built a modular JSF UI with AJAX, backed by a SQL database for reviews and ratings.

End-to-End Encrypted Messaging System – Python & C++ https://github.com/Almogsiton/e2ee
Built a secure messaging system using Python and C++ with AES encryption, RSA digital signatures, and OTP-based key derivation. Enabled encrypted file transfer, client-server communication via sockets, and real-time validation with user interaction under a custom protocol.

Elevator Simulation Management System – C# / .NET Core
https://github.com/Almogsiton/ElevatorSimulationApp
Built a modular multi-layer system for simulating and managing elevators in buildings. Implemented RESTful APIs, background services, and domain-driven design principles. Integrated Entity Framework Core with SQL Server for efficient database management. Designed a user-friendly web interface for building and elevator management.

MILITARY SERVICE

Full-time service in the Border Guard as a combatant,   2013-2016
performing various operational tasks and ensuring the
 security of the Israeli borders.