

ROY BOKER

3rd-Year Software Engineering Student,
specializing in Data Science

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EDUCATION

2022-2026

SCE - Sami Shamoon Colleage
Of Engineering

2010-2016

Darcha Ramon high school

- Major in physics and computer science
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LANGUAGES

English

Hebrew

CERTIFICATIONS

**Building Real-Time REST APIs with
Spring Boot - Blog App (Udemy):**

Developed RESTful APIs using Spring Boot, including authentication, database integration, and deployment basics.

SKILLS

Programming: C,C++,Java,Python,C#

Databases: Firebase,MySQL,Oracle,SQL Server

Data/ML:Pandas,Scikit-Learn,NumPy

Frameworks: Spring Boot(Java),Django(Python)

CI/CD:Git,GitHub,Jira,Jenkins

Soft Skills: Self-learning,Team Work,Problem solutions, Attention to Detail

PROJECT EXPERIENCE

● Heart Attack Prediction Using Machine Learning

Developed a project for the "Introduction to Machine Learning" course, focusing on predicting heart attack risk based on various health attributes in a dataset. Implemented the project in Python using pandas for data manipulation and scikit-learn for model development. Evaluated multiple machine learning models to determine the most accurate for predicting the target variable, which is the increased risk of a heart attack.

● Hotel Management System

Backend Development Project in Spring Boot

I developed a hotel management system using Spring Boot, with role-based access for Admin, Manager, and Employee roles. The system supports secure CRUD operations for managing staff and tasks, using MySQL for data storage and full API documentation in Swagger. I implemented Spring Security to ensure data protection and access control based on roles.

● Digital Library Web Application (ASP.NET MVC, C#)

Developed a web-based library system supporting online book purchasing, borrowing, and dynamic inventory management. Implemented user authentication, password recovery, automated notifications, and waitlist handling. Integrated Entity Framework with SQL Server for efficient data management, emphasizing secure, user-friendly design.