

TOM GIRON

☎ 052-6798151

🌐 <https://github.com/TomDavidGiron>

📖 GPA - 85

✉ tomdavidgiron@gmail.com

🌐 <https://www.linkedin.com/in/tom-giron>

SUMMARY

Former Data Analyst in the Intelligence Corps, Unit 9900. I am nearing the completion of my BSc in Computer Science at the Open University of Israel and currently serve in a student position within an IDF Intelligence Unit.

TECHNICAL SKILLS

Languages: Java, Python, SQL, R, C

Tools & Platforms: Docker, Swagger,

Others: Data Analysis, GIS

Frameworks & Libraries: Spring Boot, React

Maven, AWS S3, Git, Kafka, Kubernetes

Microservices Architecture

Databases: PostgreSQL, MongoDB, Cassandra, Redis

Web Development: HTML, CSS, REST APIs

PROJECTS

Sentiment Analyzer

- Developed a sentiment analysis and streaming application that processes real-time text data, including tweets, to evaluate sentiment scores. Integrated Kafka for messaging, Stanford CoreNLP for natural language processing, and Spring Boot for the backend. Deployed the application using Docker for containerization.

TinyURL URL Shortener

- Developed a URL shortening service that converts long web addresses into shortened, easily shareable URLs. Integrated analytics to track link performance, using Java, Spring Boot, Redis, MongoDB, Cassandra, Swagger for API documentation, Docker for containerization.

Student management system

- Developed a student management system using Spring Boot, PostgreSQL, and Swagger for streamlined API documentation. The project follows a microservices architecture, with Maven managing dependencies and build processes. For cloud storage, I integrated AWS S3, providing secure file handling. Additionally, I implemented SMS notification functionality.

C assembler project

- Developed an assembler that adeptly processed input text files. Using advanced techniques in managing tables, merging data, and dynamically allocating memory. This feature-rich assembler encompassed macro handling, error processing, and seamless conversion to base 64.

EDUCATION

Open University of Israel OCT 2022 - JUNE 2026

Computer Science

- Relevant coursework in Algorithms, Operating systems and Data Structures.

Backend Bootcamp CodingBC SEP 2024 - NOV 2024

Hands-on experience and best practices in backend programming: Java, Spring Boot, AWS, Docker, Microservices, MongoDB, Cassandra, Redis, Kubernetes.

UDEMY 2020 - 2022

Certificate course in Java programming and HTML programming