

Contact

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LinkedIn

GitHub

Website

Technical Skills

- Programming Languages:** Python, JavaScript, Java, C#, C, C++.
- Backend Technologies:** Node.js, Express.js, .NET, Flask.
- Cloud & Tools:** AWS, Git, Docker.
- Databases:** PostgreSQL, MySQL, MongoDB (NoSQL)
- Data Visualization:** Tableau, Grafana, Qlik.

Soft Skills

- Time Management
- Critical Thinking & Problem-Solving
- Learning Abilities
- Teamwork & Communication

Languages

- Hebrew: Native
- English: Fluent

Tal Golan

BSc Computer Science graduate specializing in Big Data Engineering, Full-Stack Development, and Machine Learning. Former competitive esports team leader combining technical expertise with proven leadership and strategic thinking under pressure.

Education

Computer Science and Information BSc | 2019 - 2022

Ruppin Academic Center

- Specialization: Big Data Engineering, Data Science, Machine Learning and AI.

Work Experience

Freelance Data Analyst/Engineer | 2023 - 2025

Clients include Israel Academy of Sciences and tech startups

- Engineered 15+ datasets for national academic research using Python, supporting 20+ researchers.
- 100+ Tableau visualizations for government report.
- Python data pipelines (Pandas, scikit-learn).
- Build a VPN server using Node.js + React + PostgreSQL + AWS.
- Worked in an Agile environment, delivering a production-ready backend with robust API integrations.

Projects

Data Science | 2022

Nature and Parks Authority (College Final Project)

- 97% model accuracy on 400K+ entries.
- Custom K-means optimization algorithm.
- Full-stack ML pipeline (data → models → insights).

Volunteering

Firefighter | 2014 - 2016

Hadera Main Fire Station