

CONTACT

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LinkedIn

GitHub

Personal Website

TECHNICAL SKILLS

- **Programming Languages:**

Python, JavaScript, Java, C#, C, C++.

- **Frameworks:** Node.js,

Express.js, .NET, Flask, HTML, CSS, React.js.

- **Cloud & Tools:** AWS, Git,

Docker.

- **Databases:** PostgreSQL, MySQL,

MongoDB (NoSQL).

- **Data Visualization:** Tableau,

Grafana, Qlik.

SOFT SKILLS

- Work Ethic
- Critical Thinking & Problem-Solving
- Adaptability
- Teamwork & Communication

LANGUAGES

- Hebrew: Native
- English: Fluent

Tal Golan

BSc in Computer Science and Information, with a track record of impactful projects in software development and data engineering. Committed to collaborative innovation. Personal website and recommendations available.

EDUCATION

COMPUTER SCIENCE AND INFORMATION BSC | 2019 - 2022

Ruppin Academic Center

- Specialization: Big Data Engineering, Data Science, Machine Learning and AI.
- Demonstrating top problem-solving skills and hackathon achievements.

PROJECTS

BACKEND DEVELOPER | 2024

Precision Data Ltd. (Contract)

- Designed to track over 100k VPN connection records.
- Engineered a backend data server from scratch with Node.js, React.js and AWS, with real-time monitoring dashboards in Grafana.
- Created MySQL pipelines tracking and storing a large amount of live data.

SOFTWARE CONTRIBUTOR | 2023-2024

"The Last of Us PS3" Game Preservation

- Working with Uncharted Reloaded Team to preserve a beloved game.
- Maintained game balance and stability for 2,000+ players through active coordination on Discord and developing with C#.

DATA SCIENTIST | 2021 - 2022

Nature and Parks Authority (College Final Project)

- Developed advanced Python data science models (Neural Networks, MLRs, Clustering) to analyze and predict daily entries for sites in Israel.
- 97% model accuracy on 400K+ entries.
- Automated full data cycle stages.

WORK EXPERIENCE

DATA ENGINEER | 2024 - 2025

Israel Academy of Sciences and Humanities (Freelance)

- Analyzed all Israeli higher education institutions.
- 100+ Tableau visualizations for government report.
- Python data pipelines (Pandas, scikit-learn).

VOLUNTEERING

Firefighter | 2014 - 2016

Hadera Main Fire Station

- Performed fire monitoring and emergency response under pressure.
- Supported equipment maintenance and readiness.