

## Contact

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 [Website](#)

## Technical Skills

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- **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

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- Time Management

- Critical Thinking & Problem-Solving

- Learning Abilities

- Teamwork & Communication

## Languages

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- 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

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### Computer Science and Information BSc | 2019 - 2022

*Ruppin Academic Center*

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

## Work Experience

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### 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

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### 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

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### Firefighter | 2014 - 2016

*Hadera Main Fire Station*