

## 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)*

- Engineered a backend data server from scratch with Node.js, seamlessly integrating with React.js and AWS.
- Built real-time monitoring dashboards in Grafana for live system insights.
- Designed and maintained MySQL pipelines tracking and storing 100k+ lines of live data.

### SOFTWARE CONTRIBUTOR | 2023-2024

*"The Last of Us PS3" Game Preservation*

- Reverse engineered game systems in C#, contributing new features and updates.
- Maintained game balance and stability for 2,000+ players through active coordination on Discord.

### DATA SCIENTIST | 2021 - 2022

*Nature and Parks Authority (College Final Project)*

- Developed advanced Python data science models, including neural networks, using Pandas, Scikit-learn, and deep learning libraries.
- Achieved 97% prediction accuracy on large datasets.
- Automated full data cycle stages.

## WORK EXPERIENCE

### DATA ENGINEER | 2024 - 2025

*Israel Academy of Sciences and Humanities (Freelance)*

- Built data pipelines for 15+ national datasets using Python.
- Designed Tableau dashboards supporting academic research.
- Automated data transformation processes.

## VOLUNTEERING

### Firefighter | 2014 - 2016

*Hadera Main Fire Station*

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