

Noam Teshuva

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Security-minded data analyst with OSINT and research experience, strong **SQL/Python**, and a track record of turning messy, multi-source data into actionable logic. Comfortable designing ad-hoc **workarounds**, building **data pipelines**, and communicating findings to **customers and R&D**. Experienced with text analysis (LLM-assisted classification/extraction), reproducible research, and fast iteration for **POCs** in startup settings.

TECHNICAL SKILLS

Programming: Python, SQL, Java, C, C++

Data/ML: Pandas, NumPy, scikit-learn, Matplotlib, CatBoost, Jupyter

Backend & APIs: Flask, REST/JSON, Map Services/APIs, Render

Dev Tools: Git, GitHub, VS Code

Languages: English (Fluent), Hebrew (Native)

RELEVANT EXPERIENCE

Israeli Defense Forces

2017-2019 & 2024-2025

- Officer - OSINT Unit & Combat Battalion (Reserve)
- Commander – Research Analyst Training Course
- Intelligence Analyst

Would like to elaborate more in person

Civil Engineering Department, Ariel University

2024-present

- Sourced and integrated multi-source GIS datasets (OSM APIs, CSVs, Copernicus) for a pedestrian volume prediction [project](#).
- Designed end-to-end ML pipeline to predict pedestrian volume using geospatial, temporal, and environmental data; main model: CatBoost classifier.
- Built robust preprocessing workflows (Python, GeoPandas, Pandas) including spatial joins, time features, and land use extraction from OpenStreetMap and sensor data.
- Collaborated with the Civil Engineering and Architecture departments to apply predictions in real-world planning scenarios.
- Co-developed a web tool for the Architecture department to visualize and utilize model outputs for urban design and policy research.

EDUCATION

Ariel University, Ari'el

2021-2025

Candidate for Bachelor of Science

Double Major: Computer Science and Mathematics

Certifications: Completed Udemy's Python for Data Science and Machine Learning Bootcamp, The Complete SQL Bootcamp: Go from Zero to Hero