

SUMMARY

Third-year Information Systems Engineering student at the Technion with project experience in Python, SQL, data analysis and machine learning. Built predictive models on 10,000 records and contributed to a web application integrating an ML engine, APIs and MongoDB. Seeking a student data role. Available up to three working days per week.

EDUCATION

Technion | B.Sc. Information Systems Engineering | 2024–Present

Relevant coursework: Databases, Machine Learning, Data Analysis, Data Structures and Algorithms, Probability and Statistics, Experimental Design, Software Engineering, Software Development for Machine Learning.

TECHNICAL SKILLS

Programming: Python, SQL, C, basic R and Java
Data and ML: Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, exploratory data analysis, feature engineering, regression, classification, cross-validation, hypothesis testing
Databases: SQL Server, MongoDB, relational data modeling, ER diagrams, views
Development: Flask, REST APIs, Git, Docker Compose, pytest, React project experience

PROJECTS

Used Car Price Analysis | Python, Pandas, scikit-learn | Grade: 100

- Analyzed 10,000 records using exploratory data analysis, feature engineering and bootstrap tests.
- Built a KNN classifier with 77.35% test accuracy and a linear regression model with R-squared of 0.877. Evaluated prediction error using MAE and RMSE.

Football Transfer and Performance Simulator | Team project

- Contributed to a React and Flask application with MongoDB and an ML prediction engine for squad management and performance simulation.
- Implemented player-management flows, API integration, simulation-result displays and forum features.
- Worked with Docker Compose and automated backend and integration tests using pytest and mongomock.

MILITARY SERVICE

Israel Defense Forces | Commanding and Technical Role | 2019–2022

- Led six technicians supporting 24/7 operational continuity across 15 critical sites, coordinating emergency incident response and maintaining sensor and command-center data flows. Trained and onboarded new technicians.
- Maintained and diagnosed faults in Elbit MARS systems to support operational readiness.
- Received a Gold honorable discharge certificate and a special evaluation certificate.

ACTIVITIES

Moshal Program Member: Selected for an international program supporting students with high academic potential through personal and professional development.
T-Hub Participant: Technion innovation and entrepreneurship workshops and activities.