


NISAN SHER

 [Portfolio link](#)

 [LinkedIn link](#)

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SKILLS

- Python: Pandas, NumPy, SciPy, Matplotlib, Seaborn.
- ML: Scikit-learn and XGBoost.
- PyCharm and Jupyter.
- Excel, Power BI and Tableau.
- SQL.
- Postman.
- Git and GitHub.
- BI: KPIs and metrics.

VOLUNTEERING

Volunteer chess teacher for a class of children in a distressed neighborhood in Be'er Sheva.

LANGUAGES

English	Fluent, Professional
Hebrew	Mother tongue level
Russian	Mother tongue level

OBJECTIVE

A mathematician skilled in Python and ML libraries, with expertise in data analysis and scientific research. Dedicated to fact-based analysis, which led to a scientific publication. Possesses strong self-learning abilities for deep, independent exploration. Friendly, highly motivated, and driven by a strong work ethic.

EDUCATION

The Open University

B.Sc. in Mathematics 2021-2025

Quantum Computation Seminar – focused on quantum algorithms with an emphasis on Shor's algorithm.

- Algorithms, Data Structures, Numerical Analysis, Java OOP.
- Linear Algebra, Calculus, Abstract Algebra and more.

Certifications

Advanced Data Analytics Professional Certificate 2025

An extensive job-ready Google Career Certificate training. Demonstrated hands-on experience with advanced Data Analytics practices and tools, including data science workflows.

WORK EXPERIENCE

Volcani Center ARO

Research Assistant 2021-2023

Published research paper: "[Garlic Potyviruses Are Translocated to the True Seeds through the Vegetative and Reproductive Systems of the Mother Plant](#)" in the MDPI Journal in 2022.

- Engaged in diverse research projects spanning virus transmission in seeds, seed production and biotechnology.
- Demonstrated proficiency in collecting, analyzing and interpreting data to derive data-driven scientific insights.
- Fostered close collaboration within interdisciplinary teams of scientists to draw meaningful conclusions.