

Nir Gilad

Machine Learning Developer

Location

Tel Aviv

Phone

0523-960-717

Email

nirolgg@gmail.com

Linkedin

www.linkedin.com/gilad/nir

Portfolio

nirol.github.io/portfolio

Skills

Data

Matplotlib, Scikit-Learn
SciPy, Matplotlib, Pandas,
Seaborn, Plotly, NumPy.

Backend

Python, Flask, Django,
Java, SQL & DB Design,
Rest API, OOP.

Frontend

React, Typescript,
Javascript, CSS, Html.

Environment

Git, GitLab, Docker,
AWS, Linux.

Experience

Vacayz/ Full Stack Developer

July 2020 - Now

Collaborate in raising the app from scratch, with emphasis on the backend.
Solely planned & wrote significant features of the app backend, together with the complementary frontend components.
Wrote the backend tests & took charge in solving most of the app critical bugs.

Self-Employed / Cryptocurrency Algorithmic Trade

June 2016 - Sep 2019

Detected and utilized a profitable niche in the Cryptocurrency market by writing the strategies and execution software to trade my capital.
Developed and operated a Cryptocurrency exchange trading bot.
Solved complex concurrency challenges in Java.

Ben-Gurion University of the Negev / Teaching Assistant

October 2015 - September 2017 (2 years), Ben Gurion University

Assembled and conducted CS and Data Structures practical sessions.
Host lab sessions and office hours for CS students, assisting students with coding assignments, and setting up their coding environments.

The National Institute for Biotechnology in the Negev / Bioinformatician

January 2015 - July 2016 (1 year 7 months), Be'er Sheva

Developed tools and databases for the analysis of genomics datasets.

Developed ML tool to solve cgMLST problem in bacteria genome.

Analysis and visualization of large-scale genomic data in R and Python.

Represented Ben-Gurion University solely in 2015 and 2016 GMI (Global Microbial Identifier) Proficiency Test, achieving top performance.

Developed algorithm for identification and analysis of MRSA-SCCmec virulence and resistance.

Education

Ben-Gurion University MSc Computer Science (Bioinformatics) 94

The thesis expanded on the known dynamic programming tree reconciliation algorithm. **Outstanding performance in machine learning, data mining, and computational biology courses.**

Ben-Gurion University BSc Computer Science (Bioinformatics) 89.5

Graduated with honors. Excellent grades in the majority of courses: CS intro, data structures, system programming, and operating systems, as well as outstanding performance in Bioinformatics courses and a final project.