

Almog Klein
Data Scientist | Analyst | Electronics Engineer
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Experience

Freelance Data Scientist

01/2023 - present

- Delivering end-to-end data solutions, advanced analyses, cutting-edge models, and bespoke software services to drive data-driven decision-making.
 - Passionately enabling businesses to harness the full potential of their data for meaningful impact and sustained growth.
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Education

Master's degree (M.Sc.) in Intelligent Systems Engineering at “Afeka” College

2020 - 2023

- Investigating the effects of transfer learning, with pre-trained models in a classification problem from a small number of samples (FSL). Audio samples from multiple datasets. Successful completion of courses: Medical Signal Processing, Game Theory, Natural Language Processing, Image Processing.

Bachelor's degree (B.Sc.) in Electrical Engineering and Electronics at the "Sami Shimon" College

2015- 2019

- Design and construction of a radar system using WiFi waves and microprocessors (RPi), in collaboration with Elbit's "Sigma-Bit" company.
 - Building a model of the radar system in MATLAB and comparing the results of the system against the theoretical modeling.
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Military Service

Project Officer

07/2021 - 07/2022 - At the IDF Air Force Headquarters

- Responsible for a variety of optical observation systems, securing their connectivity, functionality, and development. POC between the Air Force and the various defense industries.
- I recognized the need to replace manpower in an alert system for identifying objects from a video stream and led an accelerated development process within two months after proving the system's capability.

Deputy Commander

09/2010 - 07/2012 - Air Intelligence Division

- Lead the experiments testing of the UAV formation with the deputy squadron commander, responsible for the function and output of 16 mandatory and 8 permanent soldiers.
 - Running test and development processes for optical and radar systems and leading the "Big Data" approach in the squadron and at the base.
 - Identifying problems and distilling them into clear and concise insights, including regularly submitting optimization proposals.
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Certifications

- Deep Learning Specialization
 - IBM Data Science Professional
 - IBM Applied Data Science Capstone
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Tech

- Python
 - Numpy
 - Pandas
 - scikit-learn
 - TensorFlow
 - Keras
 - PyTorch
 - SciPy
 - Statsmodels
 - AWS
 - EC2
 - SQL
 - Linux
 - Docker
 - Github
 - MATLAB
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Skills

Clear communication
Open to feedback and eagerness to grow
Independent learner

Languages

- Hebrew - Native
 - English - Business level
 - Portuguese - Basic
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Hobbies

- Programming in free time
- Physics and quantum mechanics
- Music (Guitar)
- Surfing
- Tennis
- Backpacking