

Contact Information

Phone

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Email

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Links

Linkedin

Website

GitHub

Amit Malka

Versatile analyst with expertise in statistical analysis, data manipulation, and team collaboration. Proven ability to analyze complex datasets and deliver actionable insights that optimize performance across diverse projects. Known for adaptability, technical proficiency, and problem-solving skills, with a focus on driving efficient results.

Skills

- Python (Pandas, NumPy, Matplotlib etc.)
- R Programming
- SQL & Data Querying
- Microsoft office (Excel ,PowerPoint etc.)
- Advanced Statistical Analysis
- Team Collaboration
- Fast Learner & Adaptable

Education

2020 - 2023

Bachelor of Biotechnology-Bio Data, Tel Hai College

- Developed strong proficiency in **statistical analysis** and programming (**Python, R**) applicable across various data types.
- Led a comprehensive research project analyzing large-scale datasets, including single-cell RNA sequencing. ([project link](#))
- Created a versatile R pipeline for **data analysis**, applicable beyond biological contexts, with a focus on extracting actionable insights.
- Applied advanced techniques such as **data quality control, dimensionality reduction, clustering, and data visualization.**
- Gained experience in translating complex data into meaningful conclusions, demonstrating adaptability in analyzing diverse information and presrnting it.

Experience

2020 - 2021

Lab Technician & Shift Manager, MyHeritage

- Managed a team, including task allocation, performance monitoring, and ensuring precise and efficient work execution.
- Led workflow optimization processes, significantly increasing lab capacity during peak pandemic periods, while coordinating across departments.
- Directed complex projects and processes under tight deadlines, collaborating with cross-functional teams to maintain high safety and quality standards.
- Contributed to MyHeritage's reputation by delivering rapid and reliable test results.

2014 - 2017

Military Service, Givati

- Commanded and led a squad soldiers on complex missions in enemy territories and along borders.
- Managed the logistical operations of a 120-soldier company.
- Coordinated and executed tactical operations under high-pressure environments.
- Developed leadership and decision-making skills through real-world military challenges.