

# Nir Cafri

## Data Scientist & Biomarkers Specialist

As an innovative and hands-on biomarkers practitioner with a proven track record of delivering impactful insights, I continuously seek to elevate my data analysis skills. I am a highly efficient and results-driven 10X researcher who passionately uncovers valuable patterns and trends to extract actionable information from intricate datasets.

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## WORK EXPERIENCE

### Sr. Clinical Data Scientist QuantHealth

2024 - Present

#### Achievements/Tasks

- Developed an integrated knowledge graph and EHR-based predictive model, achieving 89% accuracy in forecasting clinical trial success for novel drugs.

### Data Scientist ShopperAi

2022 - Present

Tel Aviv

Leveraged computer vision data of retail customers to optimize sales

#### Achievements/Tasks

- Attained a remarkable 97% accuracy rate through extensive AI research, successfully implementing cutting-edge ML and DL tools to extract valuable insights from complex data sets.

### Data Scientist NeuroBrave

2021 - 2022

Be'er Sheva

Experiments designer & analyzer. Leading research and discovery of bio-markers based on Deep Learning.

#### Achievements

- Gathered data and built mixed unsupervised and supervised ML. Successfully detect mental states with 88% accuracy.

## EDUCATION

### PhD Neuroscience Tel Aviv University

2024 - Present

#### Research

- Driving groundbreaking research that delivers life-changing insights into neurodegenerative diseases through cutting-edge analysis of multimodal biomarkers.
- Conducting a pioneering investigation into the neurological and cognitive impacts of West Nile Virus, uncovering insights that are driving transformative clinical applications.

### M.Sc. Neuroscience Tel Aviv University

2022 - 2024

#### Research

- Utilized deep learning techniques to accurately classify individuals with epilepsy
- Showcased research findings at prestigious international conferences.
- Published in a top 1% journal. Cafri, Nir, et al. "Imaging blood-brain barrier dysfunction in drug-resistant epilepsy: A multi-center feasibility study." Epilepsia (2023).

## SKILLS

Python

PyTorch

SQL

Deep Learning

Cloud & Infra

NLP & LLM

AutoML

Spark

Biomarkers

Statistics

C#

## ENTREPRENEURSHIP EXPERIENCE

### Co-founder & CTO - Stroofie

- Date rape drugs detector based on BGU chemistry patents.

### Chief Networking Officer

- Brainstorm BGU - initiated a national internship program.

## VOLUNTEERING EXPERIENCE

### Program Manager - Community Building Project

Plan, arrange and manage programs to strengthen the periphery.

### Welfare Director - Ben Gurion University Student Council

Contributed to decisions regarding over 17,000 BGU students.

## LANGUAGES

### English

Full Professional Proficiency

### Hebrew

Native or Bilingual Proficiency