Nir Cafri
Data Scientist

As an inquisitive and enthusiastic data practitioner , I am always striving to enhance my skills and provide actionable insights from complex data sets.

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WORK EXPERIENCE

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.
- Developed and implemented big data cloud backend infrastructure, establishing its foundation from inception.

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.
- Integrated EEG signal as computer vision input for CNN classifier to increase data pre-possessing accuracy by 51%.

Researcher
Blood Brain Barrier MRI lab

2020 - Present　　　　　　　　　　　　　　　　　*BGU*

Leverage in house script to analyze research results in humans and rats.

Achievements

- Utilized advanced mathematical algorithms to enhance classification accuracy of pre-processed 4D images and 19 spectral channels by 68%.
- Successfully led a drug study utilizing advanced bio-markers to treat drug-resistant epilepsy, resulting in a 62.5% clinical improvement rate and 100% seizure reduction.

EDUCATION

M.Sc. Neuroscience
Tel Aviv University

2022 - Present

Research

- Utilized deep learning techniques to accurately classify individuals with epilepsy
- Showcased research findings at prestigious international conferences.

B.Sc. Neuroscience and Biology
Ben Gurion University of the Negev

2019 - 2022

SKILLS

Python　Pytorch　Deep Learning

Matlab　EEG　Statistics　C#

Autodidact

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

INTERESTS

Hiking　Guitar　Reading

Community involvement