

# Zach Cohen

Data Scientist

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Eager to continue career with data-driven product development and research. Expertise in building pipelines and driving data-informed decision-making.

## Experience

### Research Assistant

Technion - *Automated planning*

2023 Sep. — 2024 Sep.    Haifa, Israel

- Expanded the social laws' formalism with conditional effects
- Contributed to LLM selection, fine-tuning, and inference

### Associate / Data analyst

Lemma Capital - *PE fund (late stage)*

2024 Jan. — 2024 Aug.    Remote

- Automated gathering of >1000 companies' data from multiple sources
- Developed a PE data to KG converter
- Participated in sourcing for 3 deals, and outreach

### Machine Learning Engineer

MoovingON - *Internship*

2021 Dec. — 2022 Apr.    Israel

- Improved incident assessment speed by 70% with an NLP module (90% accuracy)
- Authored MLOps pipeline (RabbitMQ, FastAPI, Docker-compose)
- Presented the project to the team, as well as "How ML works" with positive feedback

### R&D Lead & Co-founder

Neuron - *Web3 yield-optimized vanilla options*

2021 Apr. — 2023 Sep.    Remote

- Secured \$200k in pre-seed funding
- Led a team of 4 in data-driven product development, incl. math modeling and visualization
- Grew Twitter audience from 200 to 7,000 (3,400% increase) in two months by crafting and executing a targeted science-content strategy

## Technical Expertise



## Skills

- Data Analysis • Machine Learning • Data Visualization • ETL • Systems Engineering • Microservices • Strategic Planning • System Design • API & Message Queues • Containerization

## Languages



## Education

### NUST "MISIS"

MSc in Engineering (GPA: 3.94/4)

## Methodology

- Test-Driven Development • Lean • Design Thinking • Strategic Planning

## Additional

### Open Source

LiteLLM, FFMemes, Inference pipelines (incl. 90% cold start optimization)

### Hobbies

Popular science (blogging + 15x4 talks), Hiking, Biochemistry, Agtech, Climatech, Alt Protein

### Volunteering

Team @ Maker Faire (Moscow, 2018-2019)