Zach Cohen

Data Analyst

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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
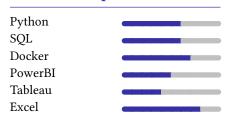
R&D Lead & Co-founder
Neuron - Web3 yield-optimized vanilla options

📅 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

- Python
- SQL
- Docker
- PowerBI
- Tableau
- Excel

Skills

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

Languages

- English
- Russian
- Hebrew
- French

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)