Zach Cohen

Strategic Analyst

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Expertise in building data pipelines, applying machine learning algorithms, and driving data-informed decisionmaking.

Experience

Research Assistant

Technion - Automated planning

□ 2023 Sep. — 2024 Sep.

Maifa, 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.

O Israel

- Improved incident assessment speed by 70% with an NLP module (90% accuracy)
- Managed MLOps (RabbitMQ, FastAPI, and Docker)

Strategy Lead

Deep Foundation - RDF database and middleware

□ 2022 Oct. – 2023 Oct.

Remote

- Created whitepapers and pitch decks to articulate strategic vision
- · Prepared market and product memos to steer the team
- Evaluated market hypotheses leading three MVP projects

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

Business Analyst / Consultant

Teamidea - Early career (Consulting & Research)

🛱 2017 Jan. − 2020 Jan.

Moscow, Russia

- Mapped and optimized business processes across multiple projects
- Supported the remote launch of a MARS plant during COVID

Objective

Seeking to advance my skills as a data scientist with a company that values innovation and creativity.

Education

NUST "MISIS"

MSc in Engineering (GPA: 3.94/4)

Technical Expertise

Python Docker

SQL PowerBI

Subversion Skills/Exposure

• VC & Market Research • Valuation •

Due Diligence • Strategic Planning •

Financial Modeling • Python • SQL •

Data Analysis • Microservices •

Systems Engineering • Data

Visualization • ETL • Pitchbook •

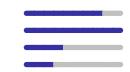
PowerBI • RabbitMQ • FastAPI •

Docker-compose • Excel

Languages

English Russian

Hebrew French



Additional

Volunteering

Team @ Maker Faire (Moscow, 2018-2019)

Hobbies

Popular science (blogging + 15x4 talks,), Hiking,

Open Source

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

- Developed business cases and pitch materials for 10+ projects
- Conducted market research and competitive analysis
- Developed face recognition, supply optimization (voice-based) systems in Python
- Prepared & presented 30+ business cases and pitch decks