

# Zach Cohen

## Strategic Analyst

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Expertise in building data pipelines, applying machine learning algorithms, 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)
- 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

### 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



### 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



### Additional

#### Volunteering

Team @ Maker Faire (Moscow, 2018-2019)

#### Hobbies

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

#### Open Source

LiteLLM, FFMemes, Inference

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

pipelines (incl. 90% cold start optimization)