

Michael Leshchinsky

Machine Learning | AI | MLOps Engineer

Machine Learning Engineer with 5+ years experience in Healthcare domain and passion for AI, automation, MLOps, programming languages and best engineering practices



PROFESSIONAL EXPERIENCE

Today
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2021

- **Machine Learning Engineer | MLOps Tech Lead**
Clalit Research Institute | Clalit Innovation 📍 Ramat-Gan, Israel
 - Internal AutoML, MLOps and AI tooling design and development for the Data Science Team
 - Designed and implemented data infrastructure for machine learning and analysis tasks
 - Curated architecture and deployment process of machine learning and AI solutions into production
 - Participated in the planning of the unit's long-term technological strategy and development
 - Documented internal systems and provided guidance and mentoring for developers across several teams

2021
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2018

- **Data Scientist**
Clalit Research Institute | Clalit Innovation 📍 Ramat-Gan, Israel
 - Created code for various research projects (Healthcare Economics, COVID-19, etc.)
 - Developed End-to-End prediction models for real world clinical interventions
 - Optimized data pipelines and processes, refactored various legacy code



PUBLICATIONS

2021

- **Effectiveness of BNT162b2 Vaccine against Delta Variant in Adolescents**
N Engl J Med 2021; 385:2101-2103
Ben Y Reis, Noam Barda, Michael Leshchinsky, Eldad Kepten, Miguel A Hernán, Marc Lipsitch, Noa Dagan, Ran D Balicer

2024

- **Prospective Evaluation of Machine Learning for Public Health Screening: Identifying Unknown Hepatitis C Carriers**
NEJM AI 2024;1(2)
Noa Dagan, Ori Magen, Michael Leshchinsky, Maya Makov-Assif, Marc Lipsitch, Ben Y Reis, Shlomit Yaron, Doron Netzer, Ran D Balicer



EDUCATION

2016

- **St Petersburg University**
M.S in Economics 📍 Saint Petersburg, Russia

2014

- **St Petersburg University**
B.S. in Economics 📍 Saint Petersburg, Russia

CONTACT INFO

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🐙 github.com/filbert42
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SKILLS

MLOps, ML productization, model and data monitoring

Data Science and Machine Learning infrastructure tools development

Data engineering, data pipelines and data infrastructure design

Machine learning models, statistical analysis, and optimization methods.

LLM and RAG pipelines development and evaluation

DevOps and Linux environments

Skilled in Python, R and SQL

Also familiar with Rust, Clojure and Haskell

Interested modern databases, distributed systems and functional languages