Aleksandr Kim

LEAD / SENIOR DATA SCIENTIST

Making Aliyah to Israel on early 07/2022

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Summary

Experienced Data Scientist with a background in leading projects and teams, and in applying data-backed solutions to complex business issues. My journey has progressed from being an Individual Contributor to a Team Leader, and then to working in a diverse international environment. I am always focused on creating tangible customer-oriented solutions through Data Science, rather than just enhancing ML metrics.

Skills and Tools

Soft Skills	Team leading, mentoring, project management, presentation skill
Tools	Python (ML/DL libs), Docker, Airflow, Git, Flask, FastAPI, Cloud computing (AWS, Databricks)
Data Mining	PySpark, Hadoop, SQL, Parsing (Scrapy, Selenium, Beautiful Soup)
Data Visualization	Matplotlib, Seaborn, Plotly, Bokeh etc.
Solving ML tasks	NLP, Uplift-modeling, Ranking, Matching, Dynamic pricing, TS Forcasting
Analyzing Results	Validation/Time Series Validation, AB Testing
Languages	English (fluent), Russian (native), Hebrew (basic), German (basic)

Work Experience

Intuit Inc. (Leading Financial Software Company) — *London / Tel Aviv*
SENIOR DATA SCIENTIST — *2022 - 2024*

- Moved to London and switched to Business Data Analyst position in product team
- Delivered two models that increased error detection rate by 40%
- Developed a suite of models to automate data scraping process, projected to reduce manual workload by 50%
- Organized and led Data Science Guild, uniting machine learning professionals and enthusiasts across whole Israeli site to foster collaboration and knowledge sharing

X5 Retail Group (top Russian retailer, about 20k stores) — *Moscow*
TEAM LEADER IN TWO DATA SCIENCE TEAMS — *2021 - 2022*

- Built a production-ready ML-based promotions optimization system (new product launch + internal SLA increase)
- Hired and leaded team of DS and DE specialists
- Organized data quality monitoring for Hive data bases

Kaspersky (international cybersecurity company) — *Moscow*
DATA SCIENTIST — *2019 - 2021*

- Developed and Deployed BERT-based model for customers support automation (20% reduce of support costs)
- Analyzed user's behavior data, generated hypotheses and conducted AB tests to verify them (customers' Retention Rate increase)
- Developed and Deployed language identification model for customer's support (SLA increase + automation)

Raiffeisen Bank (international bank) — *Moscow*
DATA SCIENTIST — *2018 - 2019*

- Improved local compliance scoring system (significant revenue growth)
- Developed model for customer identification (employees' workload optimization)

Digital Diesel Ltd. (diesel equipment service) — *Moscow*
ANALYST — *2017 - 2018*

- Analyzed market of suppliers and created model to forecast suppliers' prices

Other projects — *2018 - 2019*

- Outsource project for an energy supplying company: overdue payments prediction model
- Hackathon "human capital convention": Best task solution award (forecast of employees dismissal)

Education

MIPT (Moscow Institute of Physics and Technology, leading Russian university in STEM) — *Moscow*
MASTER'S DEGREE IN APPLIED MATHEMATICS AND PHYSICS — *2016 - 2018*

- Thesis: Distributed Support Vector Machines with Privileged Information

BACHELOR'S DEGREE IN APPLIED MATHEMATICS AND PHYSICS — *2012 - 2016*

- Thesis: Research of Quadratic Mappings. Building a Border of Image Set of Non Convex Functions