

# Aleksandr Kim

STAFF AI ENGINEER

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## Summary

Staff-level AI engineer with 9 years of experience applying AI/ML to improve operational, product, and business metrics across fintech, retail, and enterprise environments. Built production AI systems and automation platforms that support decision-making, reduce manual effort, and scale business operations across international organisations. Strong background in hands-on technical execution, cross-functional leadership, and innovative AI/ML solutions, including 15+ patented systems and methods.

## Skills and Tools

<b>AI &amp; ML</b>	LLMs & Agents, NLP, Uplift modeling, Ranking & Matching, TS Forecasting
<b>Tools</b>	Python, Scikit-learn, Langfuse, PyTorch, Transformers, Pandas, Numpy
<b>ML Engineering</b>	Airflow, MLflow, Docker, Kubernetes, Code & Data versioning (Git, DVC), CI/CD, Flask, FastAPI
<b>Data</b>	PySpark, Hadoop, SQL, Parsing (Scrapy, Selenium, BeautifulSoup)
<b>Soft Skills</b>	People & Project Management, Negotiation & Presentation skills, Cross-functional Collaboration, Mentoring

## Work Experience

### Intuit Inc. (Global Financial Software Company)

London / Tel Aviv

SENIOR AI ENGINEER

2022 - Present

- Architected a production LLM-based agentic insights system for real-time executive reporting, using structured chain-of-thought outputs (*30+ hrs/week saved at leadership level*)
- Implemented in-product recommendation systems for EMEA, delivering *uplift in service adoption (+8pp)* and cross-sell improvement (*+12pp LTV impact*)
- Designed a cost-efficient ML-based evaluation framework for LLM outputs, *reducing inference spend by 33%* vs. LLM-as-a-judge baselines while improving reliability
- Optimized large-scale ML-driven data aggregation systems, *reducing customer-facing data errors by 40%*
- Founded and led a *70+ member Data Science Guild*, standardising ML best practices and experimentation frameworks across the organization
- Redesigned experimentation methodology for non-IID and non-normal data, increasing reliability of complex AB test results across product teams
- Inventor on *15+ patents* in machine learning and applied AI

### X5 Retail Group (Top Russian Retailer, about 20k stores)

Moscow

DATA SCIENCE TEAM LEAD (2 TEAMS)

2021 - 2022

- Led development and production deployment of a promo optimization system forecasting 100K+ time series daily, supporting revenue decision-making across the whole retail network
- Hired and built my own team while also supporting the hiring of DS, DE and DQ specialists for other teams
- Organized data quality monitoring for Hive data bases

### Kaspersky (International Cyber Security 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 (Austrian Bank)

Moscow

DATA SCIENTIST

2018 - 2019

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

### Other projects

2017 - 2023

- Freelance project for an energy supplying company: overdue payments prediction model
- RAG project with a Telegram Bot UI
- Hackathon "Human Capital Convention": Best market fit award (employee - job description matching model)
- 2017 - 2018: Worked as data analyst. Analyzed market of supplies and created model to forecast supplies prices

## Education

### MIPT (Moscow Institute of Physics and Technology, leading Russian university in STEM)

Moscow

APPLIED MATHEMATICS AND PHYSICS

2012 - 2018

- Master's Thesis: Distributed Support Vector Machines with Privileged Information
- Bachelor's Thesis: Research of Quadratic Mappings. Building a Border of Image Set of Non Convex Functions