

MAKSIM KIRYAKIN

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SUMMARY

Data Scientist with 2+ years of experience in classical machine learning, econometrics, and mathematical programming. Specializing in scalable ML solutions and financial analytics. Delivered clustering pipeline for 120M+ users and deployed NPV models to production, driving data-driven decision-making. Proficient in Python (PySpark, Pandas), SQL, and end-to-end ML pipelines.

EDUCATION

Lomonosov Moscow State University (Master's degree) Faculty of Computational Mathematics and Cybernetics (GPA: 4.4/5).	September 2024 - Present
Lomonosov Moscow State University (Bachelor's degree) Faculty of Computational Mathematics and Cybernetics (GPA: 4.3/5).	September 2020 - June 2024

WORK EXPERIENCE

Sber Data Scientist, Investment Expertise Directorate (Finance Division)	May 2024 - Present
<ul style="list-style-type: none">Architected and productionized a scalable customer clustering pipeline for 120M+ profiles using PySpark.Led R&D to define, implement a new bank-wide metric, including statistical evaluation and experiments.Developed, validated, and deployed ML and econometric model to estimate product NPV; integrated them with data pipelines and established monitoring, maintenance, and business-acceptance procedures to ensure robustness and interpretability.Stack: Python (PySpark, Pandas, Scikit-learn), SQL, Hive, Git, Excel.	
Sber Intern, Balance Sheet Structure Department (Finance Division)	August 2023 - March 2024

SKILLS

Programming:	Python, SQL, C/C++
Data & ML:	PySpark, Pandas, NumPy, SciPy, Scikit-learn, PyTorch, SQL, Hive
Tools:	Git, Excel
Concepts:	Feature engineering, clustering, time-series, econometrics, model deployment

PROFESSIONAL DEVELOPMENT

<ul style="list-style-type: none"><i>Apache Spark for Data Analysis Tasks</i> — New Professions Lab<i>Methods of Data Analysis and Machine Learning</i> — Sber University<i>Mathematical Models in Investment Banks</i> — Deutsche Bank Technology Center	Certificate (with honors)
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