

# MAKSIM KIRYAKIN

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## SUMMARY

**Data Scientist with 1.5 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

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

## WORK EXPERIENCE

<b>Sber</b> Data Scientist, Investment Expertise Directorate (Finance Division)	May 2024 - Present
<ul style="list-style-type: none"><li>Architected and productionized a scalable customer clustering pipeline for 120M+ profiles using PySpark.</li><li>Led R&amp;D to define, implement a new bank-wide metric, including statistical evaluation and experiments.</li><li>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.</li><li>Stack: Python (PySpark, Pandas, Scikit-learn), SQL, Hive, Git, Excel.</li></ul>	
<b>Sber</b> Intern, Balance Sheet Structure Department (Finance Division)	August 2023 - March 2024

## SKILLS

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

## PROFESSIONAL DEVELOPMENT

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