

Podlozhnyi Nikita

Staff Data Scientist @ HomeBuddy

 January 13, 1998
 Cascais, Lisbon, Portugal
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Social Network

 LinkedIn Profile
 Github Overview
 Personal Website

Languages

 English	● ● ● ● ●
 Russian	● ● ● ● ●
 Portuguese	● ● ● ● ●

Hard Skills

 Python, SQL, DBT, Docker, Git, Bash, HTML, MatLab, C, Rest API
 Tableau, Looker, Plotly, Jupyter,
 ThoughtSpot, Airflow, PyCharm, Snowflake, BigQuery, Zeppelin, Atlassian, Google Analytics

Soft Skills

 Leadership qualities ● ● ● ●
 » Team Building
 » Team Development
 » Team Management
 Personal qualities ● ● ● ●
 » Critical Thinking
 » High Learning Ability
 » Open-Mindedness
 » Adaptability
 » Communication
 » Initiative

Working Experience

- Jan 2024 - present **Staff Data Scientist (Senior → Staff)** Data and Analytics Department HomeBuddy
- Building Data Science and Analytics Teams: from Scoping and Hiring to Development and Management
 - Oversee paid media via Marketing Mix modeling to ensure each source contributes to measurable, profitable growth
 - Recast Experimentation Culture leading Growth transformation, the best Hypotheses Testing practices applied to move faster
 - Product KPIs and Sales Funnel optimization supported by B2C and B2B Customer Profiling using modern ML stack (e.g. LLMs)
 - Applied Product Personalisation via Customer's Segmentation non-supervised analysis and conversions Forecasting
- Aug 2023 - Jan 2024 **Product Data Analyst** International Payments, Product Department Revolut
- Causal impact analysis on features released in the past without a proper testing approach in place
 - Design, setup and analysis of A/B experiments for new product features and marketing communications
 - Produce guidance for operations managers on how to properly set up and conduct A/B testing design in marketing
 - Develop ETL flows, design and implement dashboard system for CEO office performance presentation and in-depth research
 - Building an entity name matching model to improve user profiling based on the beneficiary type attributes
- Nov 2022 - Jul 2023 **Finance Data Analyst** Product Control Team, Finance Department Revolut
- Building of a complex risk-based statistical model to manage transaction's reconciliation resolving priorities
 - Performing in-depth analysis to set ambitious but achievable goals for operational teams using an A/B testing hypothesis approach
 - Established a process for matching ledger accounts against core transactions database to facilitate regular annual audit reporting
 - Analysis and improvement of reconciliation and safeguarding processes to make them faster and more automated
 - Migration from the old Exasol data warehouse to the brand new Trino data lake environment
- Apr 2021 - Nov 2022 **Senior Data Analyst** Head of Analytics Team, Chief Data Officer ZELF
- Full-fledged development of the analytical platform of the product, setting up monitoring and notification systems
 - Automation of marketing data collection, analysis and creative management to improve advertising performance
 - Setting up a split testing system to make effective decisions
 - Modeling and implementation of an anti-fraud system
 - Preparing comprehensive analytical reports for investors
 - Blockchain analytics (Ethereum, Solana) research of NFT transactions on popular marketplaces for marketing purposes
 - Continuous analysis of the effectiveness of product features
- Jul 2018 – Apr 2021 **Senior Data Analyst (Junior → Middle → Senior)** POS Credit Team, Business Technology Department Tinkoff
- Creation and managing a product growth team
 - Idea generation and A/B testing of product hypotheses
 - Building NPV and PnL models for effective decision making
 - Development a process for reducing churn
 - Analytical support of marketing campaigns
 - Optimization of the sales funnel
 - Interaction and setting tasks for the DWH team
 - Setting up product reporting and Managing BI team

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About Me

Full Stack data master with more than 7 years of experience in data domain including Engineering, Analytics and Data Science, 3 of which I managed small yet effective teams of analysts, engineers and scientists.

I possess deep knowledge of classic Machine Learning algorithms and Applied Statistics, extensive experience in Analytical Infrastructure setup and data-driven Product Analytics.

My superpower is Advanced AB Testing, Classic ML and Statistical Procedures, plus I have working proficiency in many Deep Learning concepts incl. Computer Vision and Natural Language Processing.

Experience



Projects

Sep 2020 – Jul 2021	Lecturer in Applied Statistics Applied data analysis course for junior students <ul style="list-style-type: none">• Develop course materials, conduct lectures and seminars	Tinkoff Education
Jul 2016 – Sep 2018	Curator of Mathematical Schools Math summer camps for high school students <ul style="list-style-type: none">• Organize events, classes, trips and motivate graduates to study mathematics and enter the best technical university	MIPT

Education

Higher Education

2019 – 2021	Master Studies Financial Technology, Department Innovation and High Technology, Moscow Institute of Physics and Technology	MIPT
	Master Theses Creation of a model for processing customer photos received when applying for a POS loan in order to improve the scoring model.	MIPT
2015 – 2019	Bachelor Studies Intellectual Data Analysis, Department of Control and Applied Mathematics, Moscow Institute of Physics and Technology	MIPT
	Bachelor Theses Detection of small objects in optical Earth remote sensing images using modified Faster R-CNN.	MIPT

Independent Coursework

2022 – 2024	Game Theory Game Theory by MIPT; Game Theory and Advanced Applications by Stanford University and The University of British Columbia	Coursera
2022 – 2023	Programming Skills DevOps in Practice, Python Concurrency, Python Clean Code, Docker	Revolut
2021 – 2023	Blockchain Technologies Decentralized Finance: The Future of Finance, Blockchain Basics	Coursera
2018 – 2022	Data Science Math and Python for Data Analysis; Supervised and Unsupervised Learning; Statistical Inference; Applied Problems of Data Analysis	Coursera
2019 – 2021	Financial Technologies Financial Risks; Product Analysis; Algorithms; Architecture, Design and Software Development Process; Deep Learning with PyTorch	Tinkoff

Interests

Data	Data Analysis, Machine Learning, Data Science
Math	Game Theory, Mathematical Statistics, Probability Theory
Product	Finance, Web 3.0, DeFi Technologies, Management