

Work experience

2018 – present **Data Analyst / Data Scientist, NX Studio, Moscow, Russia.**

Working at F2P mobile game developer, I am responsible for delivering the key insights to stakeholders and top-management using advanced analytics.

- Implemented ML models such as: anomaly detection, user churn prediction, revenue forecast. The models demonstrate solid accuracy rates providing reliable output to support every-day decisions.
- Lead marketing analytics team technical stack. Implies assistance with code review, task solving complexity evaluation and knowledge sharing.
- Built ad campaign probabilistic attribution model. It helps to match users of unknown traffic source with existing campaigns, that boosts advertisement income up to 10%.
- Upgraded LTV prediction model. Proposed better user segmentation to decrease top-level MAPE by 5% that allows to optimize marketing ad spend.
- Launch and design statistical experiments. Determined effect of retargeting campaigns to find optimal setups.
- Visualize business/game metrics. Create monitoring dashboards (Grafana), automate ad-hoc tasks, generate recommendations and highlight data trends.

2017 **Mobile E-commerce Intern, Kaspersky Lab LTD, Moscow, Russia.**

Responsible for supporting data-driven decisions to product marketing team.

- Implemented mobile app performance reporting & BI.
- Conducted market competitive analysis and ASO research.
- BigQuery+Firebase raw data processing and forecasting.

Education

2018 – 2020 **M. S. in Computer Science, Lomonosov Moscow State University, Russia.**

Operations Research Department

2014 – 2018 **B. S. in Computer Science, Lomonosov Moscow State University, Russia.**

Operations Research Department

Projects

2019 **Robust Anomaly Detection, GitHub.**

Fully automated tool for time series anomaly detection tasks. Aimed to produce fast and reliable inference about abnormal behaviour.

2020 **Stock Portfolio Forecasting, Private Purpose.**

Stock market price prediction framework to maximize value and rearrange portfolio risks.

Skills

Soft skills Onboarded and mentored 3 junior analysts. Experienced in product management being product owner of services with successful release and maintenance.

Tech skills Strong Python (ML, Stats, Visualization, Big data stack) and SQL (MySQL, Clickhouse) for data analysis. Familiar with R, Tableau, Google Analytics.

Language proficiency Russian (native), English (upper-intermediate)