Ilia Egorov

Resume

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Throughout my career, I've developed a keen interest in A/B tests, product management, and how my projects impact product and business metrics. I'm passionate about collaborating with cross-functional teams to translate data-driven insights into meaningful product features and improvements that drive business growth.

WORK EXPERIENCE

2021–   **Analytics Team Lead**, *Veraxen. Game development company*, Cyprus
- Management of data analyst, scientist and engineer team of 10 specialists
- Built a process of short-term (Scrum) and long-term (quarter) planning, performance review and individual development plan of the team
- Improving collaboration between data analysts and scientists with stakeholders
- Build the process of conducting, analyzing experiments (a/b tests). The number of experiments was increased by 20 times
- Made about 30 different dashboards and reports in the BI system. A new BI system increased the time of making decisions by stakeholders
- Created a DWH, modeled the main domain of the business, which increased the speed of adhoc analysis, self service BI
- Maintenance of GCP solution. Optimization of costs and performance of queries
- Created an infrastructure for DWH, ML models, experiments, BI. (BigQuery, dbt, airflow, airbyte, growthbook, mlflow, docker)
- Developed predictive models for product purposes (classic ML)

2021   **Product analyst**, *Flo health. Women health application*, Remote
Full stack product development analytical support in the commercial stream from an idea to delivery in the production.

2019–2021   **Product data analyst**, *Exness*, Cyprus
Data analysis, data engineering
- Ad-hoc analysis by SQL (DWH Vertica, Amplitude)
- Development of corporate metrics and KPIs map, analysis and forecasting. (Tableau)
- BI layer datamarts developing (DWH Architecture)
- A/B tests recommendations and statistical analysis of the results (statistics/python).
- Hiring, onboarding of new data analysts
- Project management (lightweighted Prince2 framework)

2018–2019   **Data analyst**, *Arbina. Startup. The main product is a pixel coloring app (1M DAU)*
- Ad-hoc analysis by python/pandas, MongoDB, csv-files.
- Regular reports and alerts system with product metrics (LTV, conversion, retention, ARPU, MAU) by backend python/flask, REST API, docker
- ETL from Hadoop/Hbase cluster to MongoDB by Spark/Java
- AppStore, googlePlay parsing and integration for the reporting system by python, beautifulSoup, docker

2016–2018   **Analyst**, *Vigrom corp. Game development company*
Promotion of data-driven approach in the company.
- Ad-hoc analysis by SQL, python/pandas, Postgresql.
- Regular BI reports by redash, python/flask/dash/plotly
- A/B tests recommendations and statistical analysis of the results (statistics/python).
- Development of corporate metrics and KPIs map, analysis and forecasting. LTV, conversion rates, retention, ARPPU, MAU, ROI, ...

2010–2015   **C++ Developer**, *Companies(ANTEsoft, Nagradion)*, Penza
Developing efficient numerical algorithms and methods for calculation of the physical model

EDUCATION

2009–2015   **Master of Physics**, *The Penza State University*, Penza, Russia, GPA = 5.0

2013–2014   **Research scientific training**, *The Karlsruhe Institute of Technology*, Karlsruhe, Germany
Exploring microscopic defects within the material of superconducting qubits

KEY SKILLS AND COMPETENCIES

BigQuery, SQL, dbt, python, pandas, ml, tensorflow, mlflow, numpy, scipy, sklearn, matlab, plotly/dash, redash, tableau, amplitude, looker, docker, Git

LANGUAGES

English   Upper intermediate
German   Basic