

ANTONINA CHERNYSHOVA

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Fully Work Authorized | No Visa Sponsorship Required
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Experienced data analyst with a strong background in SQL and Python dedicated to finding actionable business insights from raw data. I strive to improve product performance using statistical modeling and machine learning techniques.

Skills

Areas of expertise: Data analysis and visualization, machine learning, data mining, data governance, user behavior analytics including conversion funnels, churn and retention cohorts, LTV models, A/B tests.

Technical skills: Python, SQL (Mysql, PostgreSQL/Redshift/Hive/Impala), Scala, Spark, Tableau, Periscope Data, Matplotlib, Excel

Work Experience

Senior Data Analyst | Wargaming (Russia)

Jun 2017 – Sep 2018

- Worked on a problem of identifying bots and duplicate accounts for the game 'World of Tanks' (with over 100 million active users worldwide): built datasets, identified model features and parameters, drove cross-team communication with Data Science team, designed and executed data models, presented findings to Product owners.
- Helped a marketing team to estimate campaigns efficiency: planned campaigns, defined metrics to track, prepared dashboard for tracking, evaluated results.
- Mentored 2 junior data analysts.

Data Analyst | Jetradar (Thailand)

May 2016 – Jul 2017

- Provided data expertise, informational and analytical services to Executives, Finance, Sales and Marketing departments, Product Management, and Development teams of big travel metasearch engine. Delivered automated and manual ad-hoc and scheduled reports for internal and external audiences
- Supported Sales and Marketing: analyzed user behavioral data and provided actionable insights; built data feeds into online sales and marketing tools, ad-hoc list pulls, queries and campaigns.
- Owned company metrics definition and visualization: company-wide KPI dashboards, Executives/Sales/ Marketing/Product/Dev-ops reports.

Data Analyst | Ultimate Guitar (Russia)

Jan 2014 – May 2016

- Built analytics almost from the ground up at the world's largest guitarist community website that had 8 mobile applications with DAU over 2 million users. Helped grow analytics team to 4 people.
- Built analytical system and BI dashboards from different data sources using Periscope Data.
- Provided in-depth analysis on subscriptions and user behavior, including conversion funnels, churn and retention cohorts, LTV models, cluster analysis.
- Ran AB and Multivariate tests: worked with Product Managers to design hypotheses, with Software Engineers to implement and validate test set-up and appropriate tracking, monitor tests, calculate, analyze and present results to stakeholders, and assist in interpreting test results and presenting findings.
- Maintained data integrity and data quality. Worked closely with Software Engineers and Product Managers to advocate for data processes standardization and ensure quality of data streams.

Financial Analyst

Worked at various banks in Russia, including Raiffeisenbank, AlphaBank and PromsvyazBank
Sep 2009 – Dec 2014

Projects

Netflix recommendation system / Machine Learning | Python| Sage Maker

Recommendation system trained on a 10k movies subset which was applied to the 500k users activity dataset.

Reddit Classification with NLP / Web Scraping | NLP | Machine Learning

Collected data by scraping Reddit website and then built a binary classifier to identify where a given post came from.

House Price Prediction /Python| Machine Learning

Used linear regression techniques in order to estimate the sales price of houses in Ames, Iowa. (Won 1st place among 94 students on Kaggle)

Education

Moscow State University of Economics, Statistics and Informatics

Bachelor's degree in Computer Science (Applied Mathematics and Informatics)
Sep 2004 – Jul 2009

General Assembly, Seattle

Data Science Immersive
Jun 2019 – Aug 2019