Anna Voroshilova
Data Scientist

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SKILLS

- Programming Languages: Python, SQL
- Data Science: Machine Learning, Predictive Modeling, Data Visualization, Data Cleaning, Statistical Analysis, A/B Testing
- Libraries & Tools: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, TensorFlow, Keras, PyTorch, Git
- Languages: Russian (native), English (working proficiency)

EXPERIENCE

GEEKBRAINS - *Data Scientist* (student)   **2021 - 2024**

https://github.com/annvorosh/GB/

- Applied XGBoost Regression and GradientBoostingRegressor Algorithms to predict real estate prices. Place 52 out of 748 *https://www.kaggle.com/code/annavorosh/rem-v3*
- Applied KNeighborsClassifier, XGBoostClassifier and other models to predict credit score. *https://github.com/annvorosh/GB/pull/65/*
- Applied RandomForestClassifier, XGBClassifier, GradientBoostingClassifier to predict customer churn for a bank. *https://github.com/annvorosh/GB/blob/MLB_L05/MLB_L05.ipynb*

ROSTELECOM, Vyborg, Russia - *Telecommunication Engineer*   **2006 - 2016**

https://rt.ru/

- Network Equipment Administration: installation, configuration, monitoring, ensuring quality and fault tolerance for 50,000 customers; diagnosing and resolving issues, developing preventative measures
- Reconnection of 10000 customers from analog telecom systems (RFT) to digital ones
- Develop GPON network (connecting over 5000 customers)

EDUCATION

GeekBrains (Geek University) Professional Program for Data Science   **2021 - 2024**

https://gb.ru/geek_university/developer/analyst/data-science-medicine

- Programming and Mathematics: Introduction to Git, probability theory, mathematical statistics, various distributions, hypothesis testing, correlation and regression analysis.
- Machine Learning: Linear and logistic regression, gradient descent, KNN, clustering, decision trees, random forest, gradient boosting.
- Databases: Advanced SQL queries, database optimization, working with MySQL.
- Neural Networks: Convolutional neural networks, semantic segmentation, object detection, facial recognition, action recognition, PyTorch framework.
- Natural Language Processing: Text analysis, machine translation, text summarization.
- Data Analysis in Medicine: Working with medical data, applied statistics in medicine, clinical research analysis, computer vision for medical imaging.

The Bonch-Bruevich Saint-Petersburg State University of Telecommunications

M.Sc degree in Engineering in Telecommunications   **2000 - 2005**

multichannel telecommunication systems faculty

https://www.sut.ru/eng/study-programs/master-s-programs