PAVEL MYZNIKOV

Technical Manager / Big Data Developer / Backend software engineer (python)
32, Moscow
Languages: Russian, English (TOEFL 101)
Hobbies: Boardgames, cross-country skiing, mountain skiing, reading, it pet projects

Contacts
📞 +79134506181
✉ miznikov72@gmail.com
🌐 pavel-myznikov.site

WORK HISTORY

📅 May 2021 - Current
🏢 Moscow

Ozon
Technical Group Manager (modelling department)
Established workflows for the ML department (15 people in 3 teams) from scratch
Designed the demand prediction and distribution platform and supervised its development
Authomated development, from documentation till testing

Python, Pandas, Sklearn, Hadoop, Spark, Vertica, Gitlab, Airflow, Jira, Confluence

📅 July 2020 - May 2021
🏢 Moscow

Glowbyte
Lead Data Scientist
Developed a model recommendation system in a mobile application for Russian top 4 carrier
Designed a fraud detection pipeline in a client base for Russian top 4 carrier
Supervised 4 junior/middle ML developers

Python, Pandas, Numpy, Sklearn, Oracle, Hadoop, Spark, Xgboost, Catboost

📅 October 2019 - June 2020
🏢 Denton, Texas

University of North Texas
Visiting Researcher
Conducted experiments for my phd research "Methods of hierarchical semantic image segmentation"
Presented two papers at the USA conferences (AAAI-MAKE and CISS)
Contributed in the research "Reconstruction of OD-matrices based on traffic data"

Python, Pandas, Numpy, Sklearn, TensorFlow, Latex

📅 March 2016 - September 2019
🏢 Novosibirsk / Rotterdam

Openprovider
Data Analyst
Implemented a BI-environment from scratch
Maintained and developed an ETL-pipeline to fulfill DWH for analysis purpose
Improved 5 business-processes via ML

Python, Postgres, Tableau, Pandas, Numpy, Sklearn, Git

EDUCATION

📅 October 2016 - August 2021
🏢 Novosibirsk

Novosibirsk State University | Department of Information Technologies
Informatics and computing technologies (phd study)
GPA: 5
Graduate thesis: Methods of hierarchical semantic image segmentation

📅 October 2010 - August 2015
🏢 Tyumen

Tyumen State University | Institute of Mathematics and Computer Science
Applied Computer Science in Economics
GPA: 5
Graduate thesis: Development of the issues management system in an IT company

ACHIEVEMENTS

- The winner of a regional tour of International web-programming olympiad. A participant of the final tour.
- A participant of a final stage of All-Russian student olympiad "Applied Informatics" 2014. The 6th place.
- The winner of a regional student science work competition in 2014. Section "Informatics and cybernetics".
- Award for the best thesis of the Tyumen State University in 2015.
- A finalist of IDAO-2018 (International Data Analysis Olympiad conducted by Yandex)
- All-Russian "IT-planet" competition. Section "SQL programming". The 1st place in the Siberian Federal District. The 4th place in Russia
- The winner of the Sberbank scholarship "12up"

SKILLS

- Python: Basic Syntax, FastAPI, SQLAlchemy, Pandas, Multiprocessing
- Databases: Analytical SQL, Design and Normalization, Postgres, Vertica, Indices and query optimization
- Programming: Algorithms and data structures, OOP (Solid, Grasp, GoF), Rest API, Unit testing, System Design
- Infrastructure: Linux, Docker, Kubernetes, Git
- Big Data: Pyspark, Hive, Hdfs, Airflow