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Education

September 2021 –	**Big Data and Machine Learning, Master's degree, ITMO**
September 2020 –	**Ozon Masters, Data Science and Data Engineering**
September 2019 – January 2020	**Machine Learning, Tinkoff Fintech Generation**
September 2017 – June 2021	**Bachelor. Applied Math and Computer Science, Unecon**
2010 – 2017	**Physical and Mathematical Lyceum 239**

Work experience

May 2021 -	**Data Engineer.** 4people
October 2020 – December 2020	**Data Science Expert.** Skill-Factory
July 2019 – October 2019	**Junior Data Analyst.** Adhack.io, Intern: targeting advertising with ML models, data collection and preprocessing, hypothesis testing

Skills

Programming Languages	Python 3.x, Java, Haskell, Wolfram Mathematica, SQL, LaTeX
Databases	MySQL, PostgreSQL, ClickHouse
Data Engineering	

- **Virtualisation**: Docker, Docker Compose, GitLab CI/CD, Kubernetes, Helm
- **Data Orchestrator**: Airflow, Dagster
- **BigData**: Hive, Yarn, Hadoop, MapReduce
- **Linux**: Linux, Git, DevOps skills

Math	Linear Algebra, Discrete Math, Mathematical Analysis, Theory of Probability, Mathematical Statistic, Theory of Algorithms

Skills (continued)

Data Science

- **Machine Learning**: NumPy, pandas, SciPy, scikit-learn, XGBoost, CatBoost, LightGBM, Optuna

- **Time Series**: statsmodels, Prophet, GLM

- **Visualisation**: Matplotlib, Seaborn

- **Deep Learning**: Keras, PyTorch, Tensorflow 2.x

  - **CV:** OpenCV, Albumentations, torchvision, Grad-Cam
  - **NLP:** HuggingFace Transformers (DistilBERT, RoBERTa, BERT), DeepPavlov, Gensim, Korus, NLTK, Spacy, Regular Expressions

Python

- **Testing**: pytest, pytest-coverage, pytest-mock, unit/integration tests, pydantic

- **Logging**: logging, python-json-logging

- **Python Web**: Flask, Bootstrap, Jinja2, SQLAlchemy, Flask-SQLAlchemy. Optional: HTML, CSS, JS skills.

- **Console**: argparse, click

- **DB Connectors**: PyMySQL, psycopg2, sqlite, clickhouse-driver

- **Secrets**: Vault

Languages

Russian - native, English - reading, LaTeX writing skills

Achievements

July-August 2021	**Digital Breakthrough Contest. Museum Items Classification**. All Cups Competition, 21th of 92, prize-winner
	Digital Breakthrough Contest. Missing Planes Founder. All Cups Competition, 10th of 177, prize-winner
February-July 2021	**Diploma Paper**. *Text.*
June-July 2021	**MCS 2021. Gesture recognition**. Boosters Competition, *Solution.*
March 2021	**Prediction of Popularity of Science Publication**. JetBrains Invitation for Practice » *Solution.*
February-March 2021	**Data Fusion Contest: Goodsification**. Boosters Competition, 49th of 265, Bronze Medal » *Solution.*
February 2021	**Gazprom Neft Hackathon**. Invitation Sochi Sirius » *Solution.*
December 2020	**Travelling Santa CVRP Problem** » *Solution.*
November 2020	**GPN Intelligence Cup - Data Engineering**. 1th place » *Solution.*
October 2020	**Conway's Reverse Game of Life.** Kaggle Competition, 87th of 188 » *Solution.*
July 2020	**Ozon Masters Intern.** Kaggle Competition, 10th place of 82 » *Solution.*