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Education

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|-------------------------------|---|
| 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

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| January 2022 – | 📖 Junior Big Data Engineer. Grid Dynamics |
| October 2021 – January 2022 | 📖 Junior Data Engineer. GreenAtom |
| May 2021 - October 2021 | 📖 Junior 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 (2.5 years), Java (1 year), SQL, \LaTeX .

Data Engineering 📖

- **Virtualisation:** Docker, Docker Compose, GitLab CI/CD, Kubernetes, Helm
- **Data Orchestrator:** Airflow, Dagster
- **Data Queue:** RabbitMQ
- **BigData:** HDFS, Hive, Yarn, Hadoop, MapReduce, PySpark, Apache Zeppelin
- **Linux:** Linux utilities, Git Flow, DevOps skills

Skills (continued)

Databases	MySQL, PostgreSQL, ClickHouse, Redis, MongoDB, Cassandra
Math	Linear Algebra, Discrete Math, Mathematical Analysis, Theory of Probability, Mathematical Statistic, Theory of Algorithms
Data Science	<ul style="list-style-type: none">• Machine Learning: NumPy, pandas, SciPy, scikit-learn, XGBoost, CatBoost, LightGBM, Optuna, AutoML• Time Series: statsmodels, Prophet, GLM• Visualisation: Matplotlib, Seaborn• Deep Learning: Keras, PyTorch, Tensorflow 2.x<ul style="list-style-type: none">– CV: OpenCV, Albumentations, torchvision, Grad-Cam– NLP: HuggingFace Transformers (DistilBERT, RoBERTa, BERT), DeepPavlov, Gensim, Korus, NLTK, Spacy, Regular Expressions
Python	<ul style="list-style-type: none">• Testing: pytest, pytest-coverage, pytest-mock, unit/integration tests, pydantic• Logging: logging, python-json-logging, loguru• Python Web: Flask, Bootstrap, Jinja2, SQLAlchemy, Flask-SQLAlchemy, FastAPI, httpx, aoi-pika. 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

January 2022	<ul style="list-style-type: none">• Sbermarket competition. Predict Next Purchases Clusters. DS Works Competition, 18th of 69, bronze medal. <i>Solution.</i>• Codenrock New Year ML Battle. Santa Claus Classification. Codenrock competition, 1th of 45 public (nelepie), prize-winner. <i>Solution.</i>
July-August 2021	<ul style="list-style-type: none">• Digital Breakthrough Contest. Museum Items Classification. All Cups Competition, 21th of 92, prize-winner. <i>Solution.</i>• Digital Breakthrough Contest. Missing Planes Founder. All Cups Competition, 10th of 177, prize-winner
February-July 2021	• Diploma Paper. <i>Text.</i>
June-July 2021	• MCS 2021. Gesture recognition. Boosters Competition, <i>Solution.</i>

Achievements (continued)

March 2021	📌 Prediction of Popularity of Science Publication. JetBrains Invitation for Practice » <i>Solution.</i>
February-March 2021	📌 Data Fusion Contest: Goodsification. Boosters Competition, 49 th of 265, Bronze Medal » <i>Solution.</i>
February 2021	📌 Gazprom Neft Hackathon. Invitation Sochi Sirius » <i>Solution.</i>
December 2020	📌 Travelling Santa CVRP Problem » <i>Solution.</i>
	📌 Course work. Implementation of algorithms for aggregating performers' ratings on the crowdsourcing platform "Yandex. Toloka" to improve the quality of data markup. » <i>Code and Text</i>
November 2020	📌 GPN Intelligence Cup - Data Engineering. 1 th place » <i>Solution.</i>
October 2020	📌 Conway's Reverse Game of Life. Kaggle Competition, 87 th of 188 » <i>Solution.</i>
July 2020	📌 Ozon Masters Intern. Kaggle Competition, 10 th place of 82 » <i>Solution.</i>