

Arina Goloubitskaya

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Education

- 2018 – 2022 The National Research University Higher School of Economics (**HSE**),
Faculty of **Computer Science and Applied Mathematics**,
(Bachelor's Degree, **Machine Learning and Applications**), Russia, Moscow
- 2016 – 2018 **Lyceum of Belarusian State University**, Belarus, Minsk

Experience

- Sep - Dec 2024 **Yandex, Software Engineer** (Minsk, Belarus)
Python backend development for Yandex tank. Gained experience with Django and FastAPI Web frameworks.
- Sep - May 2022 **OZON, Software Engineer** (Moscow, Russia)
Automating and scripting to transfer data between databases to check the data correctness in ETL/ELT paradigms. Developed and deployed a time series prediction model in order to forecast sales. Successfully performed feature engineering and hyperparameter optimization. Created a custom dataset from unstructured data using Pandas and SQL. Developed a Teams Bot Web Application with Azure and Web service with Django.
- Feb - Jul 2021 **Tinkoff, Data Analyst** (Moscow, Russia)
Developed and tested procedures for Tinkoff CRM. Conducted A/B testing.
(Python, SQL, JavaScript)
- Jul - Oct 2020 **Google STEP Internship, Site Reliability Engineer** (Remote)
Developed a Terraform cost estimation tool for GCP users. Called Cloud Billing API to retrieve resources pricing info, gained experience with Terraform and GCP.

Projects

- 2020 **Credit scoring prediction Web Application**
Processed and did some feature engineering on credits dataset of Home Credit Bank, trained different models and neural networks to predict the probability of loan repayment. Also developed user-friendly Web Application with Django to know the score.
- 2021 **Concept lattice - based Neural Networks (Research project)**
Implemented Neural Network architecture based on Formal Concept Analysis theory in order to create an interpretative neural network. I used Pytorch and sparse layers.

Skills

- Python, SQL, Algorithms & Data structures, OOP;
- **Backend Development:** Microservices, API Design;
- **Frameworks:** Pandas, NumPy, Scikit-Learn, FastAPI, Django, Flask, OpenCV;
- **Tools:** Git&Github, PostgreSQL, Kafka, Swagger, Jupyter, Bash, Docker, GCP, CI/CD;

Awards/Achievements

- 2015 – 2018 Belarusian National Mathematical Olympiad (Gold/Silver medals)
- 2016 – 2018 5th-7th European Girls' Mathematical Olympiad (Silver/Bronze/Bronze medals)

2017 – 2018	International Zhautykov Mathematical Olympiad (Silver/Bronze medals)
2018	Romanian Masters in Mathematics (Honourable mention)