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

09/21 - 08/22 OZON, Data 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.

01/21 - 07/21 Tinkoff, Data Analyst (Moscow, Russia)
Developed and tested procedures for Tinkoff CRM. Conducted A/B testing. (Python, SQL, JavaScript)

06/20 - 10/20 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, OOP, Algorithms & Data structures;
- **Backend Development:** Microservices, API Design;
- **Frameworks:** Pandas, NumPy, Scikit-Learn, PySpark, FastAPI, Django, 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)