

# Natallia Foshier

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## Education

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**University of Europe (UE) | Berlin, Germany**

**Master of Science in Data Science**

Expected graduation 08/2023

**Belarusian National Technical University | Minsk, Belarus**

**Diploma of Higher Education of Architecture and Design**

Sep 2007- Sep 2012

## Completed Projects

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### Gold Recovery Rate Prediction

Developed a model to predict gold recovery rate from gold-bearing ore processing data, optimizing production to avoid losses. Best models were Cat Boost and SVM based on sMAPE metrics.

### Taxi Order Forecasting

Analyzed historical data on taxi orders at airports to forecast the number of taxi orders in the next hour, allowing for better driver allocation during peak hours. Achieved an RMSE metric value of 40.

### Customer Churn Prediction for a Telecom Operator Project

Built and selected the best model to predict customer churn for a telecom company's internet and communication services, achieving an ROC-AUC of 0.93 and an accuracy of 0.89

### Comment Sentiment Classification for Wikishop

Developed a BERT-based model to classify comments as positive or negative for an online store. Achieved an F1 score of 0.77 and used to automatically send toxic comments to moderation.

## Previous Experience

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**Oct 2014 - Jul 2018 / Berlin, Germany**

**Architect and Designer/Self Employed**

Created unique and functional designs using in-depth knowledge of design principles. Provided high-level customer service resulting in high client retention. Utilized Adobe Illustrator for detailed drawings and blueprints.

**Aug 2011 - Aug 2013 / Minsk, Belarus**

**Architect/Kinematic**

Collaborated with clients to develop practical and aesthetically pleasing designs. Created preliminary drawings and detailed blueprints. Supervised construction to ensure design specifications and quality standards were met.

## Skills

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**Data Analysis:** MATLAB, NumPy, Pandas, Scikit-Learn, TensorFlow, spaCy, TextBlob, NLTK, statsmodels, CatBoost, Excel.

**Development:** Python, SQL, JavaScript, HTML, AWS, GCP, Terraform, Docker, Airflow.

**Soft Skills:** Problem-solving, Analytical thinking, Critical thinking, Time management, Teamwork.

## Languages

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Russian (Native), English (C1), German(A1)

## Interests

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Horse riding , Gardening, Sharks

## **Courses**

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400 hours, 2023 Professional Training Course at Practicum by Yandex, INO CPE "Yandex EdTech"

The Complete Web Development Bootcamp (Udemy)

100 Days of Code (Udemy)