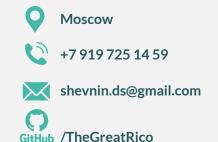
# **Dmitriy Shevnin**

### **Data Scientist**



#### **EDUCATION**

## Fundamental Informatics and Informaiton Technologies

People's Friendship University of Russia (RUDN University) 2023 - Present

### Applied Mathematics and Informatics

People's Friendship University of Russia (RUDN University) 2019 - 2023

## Interpreter for Engineering Fields and Specialties (English to Russian)

People's Friendship University of Russia (RUDN University)

#### **LANGUAGE**

English(C1+)



#### **TOOLS/LIBRARIES**

HARD SKILLS

**Python** 



#### **PROJECTS**

#### Prediction of Tomato Market Price using time series

https://github.com/TheGreatRico/time-series-prediction

Comparison of various methods for time series prediction using lagging, target encoding, deseasoning, trending. Models used: Linear Regression, Lasso and Ridge Regressions, (S)ARIMA, Prophet, XGBoost and LSTM.

**The goal** of the project is to gain skills in processing and predicting time series

#### Natural Language Processing (NLP)

https://github.com/TheGreatRico/nlp

In the project Word2Vec model was used to create a model from scratch and then pre-train it on a text of a different topic. Second part utilized the pre-trained GloVe model to compare the performance of classical, convolutional and LSTM neural networks.

**The goal** of the project is to develop an understanding of the specifics of working in the field of NLP.

#### Coursework: BigNum Arithmetic implementation

https://github.com/TheGreatRico/BigNum

Arbitrary-precision arithmetic or BigNum Arithmetic is commonly used in cryptography. This implementation BigNum Arithmetic is based on *Karatsuba's algorithm* for fast multiplication. The whole project utilises OOP paradigm to build robust, bug-free, expandable and handy tool to work with arbitrary-precision arithmetic.

**The goal** of the project is to practice applying OOP paradigms and creating custom libraries