KORDZAKHIYA NATELA

26.04.2000 ⚲ Moscow, Russia
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☊ natela-proger in Natela Kordzakhiya

EDUCATION

National Research University Higher School of Economics
Bachelor of Economics
Faculty of Economic Sciences 🎓 **GPA: 7.74**
📅 Aug. 2018 – Jul. 2022 ⚲ Moscow, Russia

University of Bayreuth
Exchange
Philosophy and Economy 🎓 **GPA: 1.6**
📅 Oct. 2021 – Aug. 2023 ⚲ Bayreuth, Germany

WORK EXPIRIENCE

Market and Quantitative Risk analyst
E.ON
📅 Dec. 2022 - now ⚲ Essen, Germany

- Working with databases (SnowFlake, SQL, Azure)
- Data filtering and sorting
- Regulat usage of GitLab, VSCode (with optional Linux modules)
- Visualization using Matplotlib, Plotly, ggplot, Seaborn, etc.
- Preparation monthly reports in Tableau
- Project coordination between Market risk and Quantitative Risk departments

Associate Lecturer of Digital Literacy and Data Science (Python)
HSE University
📅 Sep. 2022 - now ⚲ Moscow, Russia (remotely)

- Preparation and conduct of lectures and seminars for bachelor and master students
- Compilation of theoretical material for student

Python programming tutor
HSE University
📅 Sep. 2020 - Jul. 2022 ⚲ Moscow, Russia

- Conducting consultations and seminars
- Assistance in conducting control sections, checking homeworks and tests
- Compilation of theoretical material for student

Tutor of the course "Dynamic optimization in economics and finance"
HSE Universiry
📅 Sep.2021 - Dec.2021 ⚲ Moscow, Russia

- Conducting consultations and seminars
- Assistance in conducting control sections, checking homeworks and tests
- Compilation of theoretical material for students

Research Assistant at the Laboratory for Comparative Analysis of the Development of Post-Socialist Societies
HSE University
📅 Sep. 2021 - Feb. 2022 ⚲ Moscow, Russia

- Art market research, in particular, the cinema market
- Compiling a database, compiling machine learning models to predict various target markets.

Associate Consultant in IT Practice

Antal International

📅 May 2021 - Sep. 2021　　　　　　　　　　　📍 Moscow, Russia

- IT Full cycle recruiter
- Search Profile - Data Analysts, Engineers and Developers

PROJECTS AND RESEARCHES

Risk management

Model risk: modern technologies of analysis

HSE University

📅 April - May 2020　　　　　　　　　　　📍 Moscow, Russia

- Studying the basics of model risk and risk management (on bond market)
- Creating a ML model that fills in trade gaps, constructs yield curves, calculates duration and other financial indicators
- Final result here (in Russian)

Stock exchange and markets

National Central Securities Depository of Russia
Conference "Prospects for the Development of the Infrastructure of the Russian Financial Market"

📍 Moscow, Russia

🏆 **Finalist**
Project "Distributed registry technologies: fraud activities and technical errors"

📅 March 2020

🏆 **Winner**
Project "The impact of CBDC implementation on the development of SWIFT in the world and Russia"

📅 March 2021

Cinema industry

TED Conference "Price of the mistake"

The Pushkin State Museum of Fine Arts　🏆 Finalist
Film or digital: how the digital revolution is changing art of cinema

📅 September 2020 - February 2021　　　　　　📍 Moscow, Russia

- Cultural and economic analysis of the transition from film to digital cinema

Research paper "Changes in the structure of demand factors in the film industry in the 2000s"

Graduate work - HSE

📅 June 2022

- The study revealed that the most significant in modern reality are the entertainment genre of the film, the usage of special effects and the franchise, of which the film is a part. Special effects factor were the most important between 2001 and 2007, the genre factor was most significant between 2008 and 2014, and between 2014 and 2021, the franchise was the dominant demand factor.
- Text of the paper could be found here (in Russian)

HARD SKILLS

Programming and modeling

Python　SQL　Tableau　Azure　Snowflake　Gitlab　Stata

Software

MS Office　Latex　VS Code

LANGUAGES

Russian
English
German

INTERESTS

Professional

Financial market, crises , blockchain technologies, , cryptocurrency, programming, machine learning, socioeconomics, model risk, art market

Personal

Cultural studies, art history, cinema, theater