

SKOVORODKO ALEXANDER

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EDUCATION

Master's Degree in Computer Science

🏛 HSE University

📅 September 2021 - June 2023

📍 Moscow, 11 Pokrovsky buld.

Thesis:

Modeling and Implementation of a Trading Strategy on the Stock Exchange

Bachelor's Degree in Economics

🏛 HSE University

📅 September 2016 - June 2020

📍 Moscow, 11 Pokrovsky buld.

Thesis:

Digital Economy and its Development in the Russian Federation.

WORK EXPERIENCE

JSC Institute Orgenergostroy

Data Analyst

📅 August 2022 - current

📍 12. Presnenskaya emb., Moscow

Case: Developing and deploying a web application using Flask and PostgreSQL in Docker containers.

Result: A convenient access to information about the work was created, taking into account the financial and economic costs for the department.

Case: A production application based on the Streamlit platform was developed and configured, which allows performing analytics based on updated databases and Excel documents.

Result: Reduction of time for analytics by 35% compared to using Excel and the emergence of the possibility of operational analysis and real-time management decision making.

Case: Development and utilization of the SuperSet BI system with Postgres databases.

Result: Creation of over 10 dashboards to evaluate project status.

Borets International Ltd.

Economist

📅 November 2020 - February 2022

📍 5, Moldavskaya str., Moscow

Case: Developed and implemented a centralized PostgreSQL database to track product catalog changes and analyze trends in the cable industry across multiple countries.

Result: Streamlined data management and improved efficiency, resulting in reduced time costs compared to Excel-based solutions for the past 5 years.

Case: Created an algorithm for calculating the costs of cable production and optimized price calculation algorithms.

SOFTWARE SKILLS



Model Build (python packages):

pytorch

scikit-learn

openCV

numpy

pandas

matplotlib

seaborn

PySpark

flask

Streamlit



Database:

postgreSQL

SQLite

Vertica

hadoop

MS Access



Interface design:

Power BI

SuperSet

LaTeX

MS PowerPoint

XMind ZEN

Sketch

HTML

CSS



Additional:

Linux

git

R

MS Excel

IBM SPSS

AnyLogic

docker

LANGUAGE SKILLS

English (advance)

Russian (native)

AREA OF INTERESTS

Professional interests:

Machine and Deep Learning

Analysis of the electoral preferences

Stock Market Analysis

Result: Formed a dedicated database for cost calculation, leading to an 18% increase in efficiency for tender preparation.

Case: Collected and analyzed data on the current and planned costs of the cable plant.

Result: Conducted a plan-factor analysis of the enterprise.

State Corporation Rostec

Business Analyst

 May 2019 – October 2019

 24, Usacheva str., Moscow

Case: Market analysis and identification of characteristics of Li-Fi technology for the use in the “Wireless Technologies” RoadMap.

Result: Technical requirements for the technology were adopted in the RoadMap, the potential for gradual development of the technology and the level of readiness to use the equipment were determined.

Case: Analyzed the unmanned vehicles market and identified key market development trends for LiDAR technology.

Result: Provided numerical estimations of growth rates in the autonomous machines market, considering the decreasing prices of LiDAR technology.

Alef Bank

Analyst-intern

 June 2018 – August 2018

 21/33, Krzhizhanovsky str., Moscow

Case: Collection, analysis and classification of orders and transactions of customers who trade online through the Bank’s brokerage accounts.

Result: The database for more than 500 clients of the company was created and optimized.