SKOVORODKO ALEXANDER

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○ https://github.com/Skovorodko

EDUCATION

Master's Degree in Computer Science
🏛 HSE University

📅 September 2021 - Ongoing   📍 Moscow, 11 Pokrovsky buld.

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
Thesis score: 7 out of 10

WORK EXPERIENCE

Borets International Ltd.
Economist

📅 November 2020 - February 2022   📍 5, Moldavskaya str., Moscow

Case: Formation of a database of the nomenclature produced by the enterprise in Access to store information on all types of products, as well as to fulfill queries and calculate the cost of cable equipment.

Result: The created database allows you to track all changes in the product catalog over the past 5 years, clearly demonstrates the trends in the cable industry for each country, and it is also more optimal and universal. Thanks to it, time-costs in the country with the performance of the same tasks in Excel are reduced.

Case: Creation of an algorithm for calculating the costs of cable production, optimization of price calculation algorithms.

Result: A database for calculation has been formed, which increases the efficiency of work on preparing a tender by 50%.

Case: Collection and analysis of data on the current and planned costs of the cable plant.

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

State Corporation Rostec
Analyst

📅 July 2019 – October 2019   📍 24, Usacheva str., Moscow

Case: Defining the funding strategy and selection process for digital projects by VEB.RF

Result: The State Corporation received funding from VEB based on requirements for projects in the following areas: Infrastructure, High-Tech Industry.

Case: Development of requirements for selection and implementation of high-tech projects by Rostec to make them eligible for financial support of Russian Export Center at an early stage.

Result: projects that met REC requirements were selected and received support within the NTI.

SOFTWARE SKILLS

📊 **Model Build (python packages):**
Scikit-learn TensorFlow xgboost PyTorch NymPy matplotlib seaborn

🗄 **Database:**
SQLite hadoop MS Access

📷 **Interface design, presentation making:**
LaTeX MS PowerPoint XMind ZEN Sketch

⚙ **Additional:**
Git R Power BI MS Excel IBM SPSS

LANGUAGE SKILLS

English (upper-intermediate)
Russian (native)

SOCIAL LIFE

💗 **Blood transfusion program**
Participant (2018)

💗 **HSE Moscow Marathon**
Participant (2016, 2017)

AREA OF INTERESTS

Professional interests:
ML and Deep Learning
Analysis of the electoral preferences

Hobbies:
Football Chess, 2000+ at lichess.org
Martial arts: ITF, I-st dan

REFEREES

Prof. Vladimir Mkhitarian
🏛 HSE associate professor
Statistics and Data Analysis Department
@ vmkhitarian@hse.ru
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+7 (495) 772-95-90(27040)

State Corporation Rostec

Analyst-intern

📅 May 2019 – June 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: Analysis of the unmanned vehicles market and identification of the main LiDAR market development trends.

Result: Numerical estimations of indicators of growth rates of the market of autonomous machines in view of decrease in prices for LiDAR technology were made.

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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.

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PROJECTS AND WORKSHOPS

International Center for Analysis and Choice of Decisions

Paper: Creating a modified xG model
Result: An algorithm was obtained that was able to more accurately predict the implementation of goals scored by top players with a pronounced completion skill.
The resulting model predicts xG more effectively, which reduces the overall difference between expected goals and actual goals.
Supervisor: Sergey Demin, sdemin@hse.ru