




SKOVORODKO ALEXANDER

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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 NTL.

SOFTWARE SKILLS



Data analysis:

python

R

SQL

IBM SPSS

Access

Excel



Interface design, presentation making:

LaTeX

PowerPoint

XMind ZEN

Sketch



Business Intelligence:

PowerBI

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

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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.

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.

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