ALEXANDER SKOVORODKO

Objective: Junior Analyst

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EDUCATION

Master's Degree in Computer Science

HSE University

Sept 2021 - Ongoing Moscow, 11 Pokrovsky buld.

Bachelor's Degree in Economics

HSE University

Sept 2016 - June 2020 Moscow, 11 Pokrovsky buld.

Graduation Paper:
Digital Economy and its Development in the Russian Federation
Graduation Paper score: 7 out 10

WORK EXPERIENCE

Borets International Ltd.

Economist

November 2020-Ongoing 5, Moldavskaya str., Moscow

Case: Formation of a database for the cable plant in Access for storing information on all products, as well as for fulfilling inquiries and calculating the cost of cables.

Result: This database allows you to track all changes in the product catalog over the past 5 years and clearly demonstrates trends in the cable industry for each country and it is more optimal and less time-consuming than working with Excel.

Case: Formation of an automated calculation file for calculating the cable production costs and editing it for the optimal template.

Result: The convenient file to calculate tenders was created.

Case: Calculation of current costs for the cable plant production with the formation and optimization of price calculation algorithms.

Result: Significant reduction in the time required to calculate projected costs and improving cost estimation accuracy.

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 REC at an early stage.

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

SOFTWARE SKILLS

Data analysis:
python | R | IBM SPSS | Access | Excel

Interface design, presentation making:
LaTeX | PowerPoint | XMind ZEN | Sketch

Business Intelligence:
Tableau

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