Aleksandr Sokolov

remote work

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DATA SCIENTIST

I am enthusiastic data scientist with over 2 years of commercial experience as a Data Scientist at Sber, working on various industrial projects. I bring a strong background in mathematics, enhanced by 2 additional years of specialized training in Data Science. Prior to this, I accumulated 15 years of business experience in managerial sales positions at major retailers and IT companies, including Coca-Cola, 2GIS, P&G, and others. Additionally, I hold a teaching degree and have experience teaching mathematics to high school students in Israel. I am actively engaged in machine learning, continually exploring its facets. My professional qualities, notably recognized by my team, include strong business acumen, quality Exploratory Data Analysis (EDA), attentiveness to potential data leaks, focus on validation, proficiency in data report visualization, and a solid command of SQL. Kaggle Expert. 15th place in Yandex ML trainings.

work experience

- Data Scientist – Data Scientist – Sber. (Central Office – Corporate Investment Business - Intelligence control system - Artificial intelligence team) — present / May. 2021
    – Developed an ML model for predicting customer flow at Multifunctional Service Centers, reducing queue waiting time by 20%. The forecast covers up to 2 months ahead, with half-hour intervals. MAPE < 18%.
    – Focused on Classic ML, Time Series and NLP. The 360-degree evaluation highlighted my business acumen, clear interpretation of results, and visualization of reports for stakeholders, as well as the ability to identify errors and optimize 'other people's' code.

- Data Scientist – ROLF – Car Dealerships — Apr. 2021 / Nov. 2020
    – Computer Vision: Created a CNN model for classifying cars based on photographs, assisting the used car resale department.
    – Parsing + ML: Scraped all listings from the auto.ru website in Moscow and developed a model for predicting a car's market value based on its characteristics.

achievements

- A bronze medal in AlfaBattle2.0 competition. I built a credit scoring model based on the clients' card transaction data (ML (LightGBM, CatBoost), DL (TF, GRU, BIGRU)) — Apr. 2021

stack

Python(Base (Pandas, NumPy, SciPy, tqdm) - ML(Scikit-Learn, LightGBM, XGBoost, Catboost, LAMA, AutoWoE, SHAP) - Visualization(Matplotlib, Seaborn) - DL(TensorFlow, Keras, PyTorch) — NLP(NLTK, pymorphy2) - NV(albumentations)) - Parsing(bs4) - Geo(Shapely) - PROD(Streamlit, Flask)) - RL(Gym) - DE(Docker, Hadoop, Hive, Sqoop, SQL, Bash, PySpark, OpenShift, Jenkins, SonarQube, MLflow), Linux, Bitbucket, Git, Heroku. IDE: VS Code, Jupyter Notebook, PyCharm. JIRA, Confluence, Slack.

education

- Mathematics and Mechanics - Novosibirsk State University (GPA 4.7) — 1999
- High-school math teacher – Oranim College (Israel) — 2017
- MBA – Open University, UK (International Institute of Management LINK, Novosibirsk) — 2007

- Data Science BootCamp (5 months) – Yandex Practicum — 2023
- Deep Learning School Pro (6 months) – MIPT, Phystech — 2023
- Specialization Data Science (18 months) – SkillFactory — 2021
- Image Segmentation with TensorFlow – NVIDIA — 2020
- Data in SQL, Introduction to SQL – DataCamp — 2020
- Investigation of Statistical relationships – NSU + 2GIS, Coursera — 2019

другой опыт работы

- High-school math teacher in ORT Guttman school network (Netanya, Israel) — Jul. 2019
    – obtained an academic degree in teaching from a college in Israel (in Hebrew) — Jan. 2017
    – successfully completed an internship at the school during academic year (in Hebrew)
    – licensed as a high school math teacher
    – mentor of the students' team in the robotics competition "First Lego League" — Dec. 2016

- Sales Director (Commercial Director) in the following companies: May. 2002
    – 2ГИС - The map and business directory for cities, 2gis.ru
    – Novosibirskprodmash - The manufacturer of beer, water, and milk bottling equipment, npmgroup.ru
    – Parfume Novosibirsk, FMCG distributor of Schwarzkopf, SCA, Kalina, Garnier, L'Oréal, Reckitt Benckiser, SCJohnson, Unilever, Colgate-Palmolive, Johnson & Johnson, and others in Siberia
    – DMS, The exclusive FMCG distributor of Procter & Gamble in Siberia
    – Coca-Cola HBC Eurasia (Novosibirsk)

foreign languages

- English - B1, Intermediate
- Hebrew - B2, Upper-Intermediate