

DANIIL KARCHA

DATA SCIENTIST



 Male

 22.12.2000

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 Moscow, Russia

SKILLS

● Programming

- Advanced: Python, SQL, MS Office (Excel, PowerPoint, Word), Git/GitHub, Jupyter Notebook, LaTeX
- Intermediate: C++, R

● Soft skills

Leadership, Teamwork, Quick Learner, Time Management, Deadline Compliance, Strong communication skills

● Language

English (C1), Russian - native speaker

CERTIFICATIONS

2023: MTS x HSE AI School

2023: Yandex x HSE Data Hack hackathon

INTERESTS

Hobbies: Avid soccer player and member of a local team, with interests in history, world art, and philosophy. Enjoys reading, playing guitar, swimming, and exploring new places through travel and flights.

ADDITIONAL INFO

Passionate about Data Science and Business Analytics, with a strong foundation in mathematics and programming. Enjoys teamwork, quickly learning new skills, and meeting deadlines.

OBJECTIVE

Seeking a full-time data science role to apply my skills and contribute to organizational growth. Aiming to deepen machine learning expertise and expand business analytics knowledge in 2 years. Aspiring to lead a data science team and drive impactful projects in 3-5 years.

WORK EXPERIENCE

● LIMITED LIABILITY COMPANY "MODERN BUSINESS SOLUTIONS"

Software engineer

November 2021 - July 2022

- Successfully implemented and optimized machine learning models using Python, TensorFlow, and PyTorch, resulting in improvement in prediction accuracy.
- Collaborated with cross-functional teams to develop and deploy data-driven solutions, enhancing overall operational efficiency.
- Streamlined data processing and analysis workflows using SQL and Python, reducing time spent on data preparation.

● JOINT STOCK COMPANY "OKB Traverse"

Business analyst intern

October 2019 - April 2020

- Assisted in the development of data-driven business strategies by analyzing complex datasets, contributing to a 3% increase in overall revenue.
- Conducted market research and provided actionable insights to stakeholders, aiding in informed decision-making for future projects.
- Collaborated with senior data scientists and analysts, gaining valuable experience in data processing, visualization, and advanced analytics techniques.

EDUCATION

● National Research University Higher School of Economics

Applied data analysis

September 2019 - August 2023

- Major:
- Applied Mathematics and Informatics (Moscow, Russia)

● University of London (London School of Economics)

Data science & Business analytics

September 2019 - August 2023

- Major:
- Data Science and Business Analytics (London, England)

THESIS PAPER

● Thesis Paper: Application of GAN Algorithms for Time Series

Final Grade: 8

September 2022 - June 2023

- Explored the use of GANs for time series analysis.
- Designed an attention-based TimeGAN model with the Wasserstein loss function.
- Tested the model on sinus function synthesis and S&P500 index (financial time-series).