Mr. Ivan Gudkov

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EDUCATION

Master in Applied Mathematics and Computer Science   2020-2022
Lomonosov Moscow State University, Moscow

Faculty of Computational Mathematics and Cybernetics
Master's program: Statistical Analysis and Risk Forecasting
Thesis topic: *Research into news background impact on stock market using neural networks*
Current GPA: *5.0*

Bachelor in Applied Mathematics and Computer Science   Graduated in 2020
Lomonosov Moscow State University, Moscow

Faculty of Computational Mathematics and Cybernetics, Department of Mathematical Statistics
Thesis topic: *Improved scenario simulation model for risk estimation of financial instruments*
GPA: *4.8*

WORK EXPERIENCE

"Sachs Capital Group", **Structured Notes Analysis Project Member**   August 2020 - present time

- *Analysis of structured notes and development of trading strategies in collaboration with Lomonosov Moscow State University and University of Chicago*
- *Building a recommendation system offering new structured notes to the current portfolio*

"Russ Outdoor", **IT-Department, Intern**   August 2019

- *Development of cross-platform service, which deals with JSON-formatted data and SQL databases*

SPECIAL SKILLS

- Power user of R, Python, C, C++, Java (Android application development)
- In-depth understanding of Mathematical Statistics
- Hadoop, Hive, Spark, SQL

COURSES

- Graduated MADE Big Data Academy (Data scientist)
- *"Machine Learning and Predictive Analytics"*, *"Linear and Nonlinear Models"*, *"Bayesian Methods"* – University of Chicago courses
- *"Neural Networks and Natural Language Processing"*, *"Neural Networks and Computer Vision"* - Samsung AI Center courses
- 2-year Technical Translation Course (English) on the basis of CMC MSU

ADDITIONAL INFORMATION

- Prize winner of the "Lomonosov" Universiade in 2019 and 2020
- Member of the Moscow team at the All-Russian Olympiad in Economics for two years
- Event organiser for Moscow State University students
- Volunteer at olympiads and festivals
- English: Advanced, German: A2