BOBKOV DENIS

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Education

Higher School of Economics Moscow
Faculty of Computer Science *Sep. 2019 – exp. June 2023*
- Applied Math and Information Science, 8.91/10

Higher School of Economics Moscow
Faculty of Economic Science *Sep. 2020 – exp. June 2022*
- Financial Markets, 9/10

Projects

Liquidity Forecasting github.com/retir/Liquidity-forecasting
- Analysing different liquidity metrics for patterns that precede a market crash
- Making a model to forecast this metrics uses machine learning algorithms

Dota 2 Pick Helper github.com/maximkm/Dota2-pick-helper
- Analysing different sets of variables that have influence on math win probability
- Making a model that predicts the probability of victory
- Making a recommendation system that suggests heroes to pick based on created model

Micro blog github.com/retir/microblog
- Based on Flask and SQLAlchemy
- Contains database with posts, users and email registration

Experience

Tinkoff and MSU math olimpiade github.com/retir/certificates
- Prize-winner of Tinkoff and MSU math olimpiade

Laboratory Works github.com/retir/Laboratory-works
- A set of different laboratory works performed during study
- Made in Jypiter Notebook (Python 3)

Algorithms and Data Structures github.com/retir/Algorithms-and-data-structures
- A branch of programs that is written during study
- Written in C++ and Python 3, tested by Yandex.Contest

Courses

Tinkoff Applied Statistic Certificate link
- Parameter estimation
- A/B testing
- Production analysis

Machine Learning and Data Analysis Certificate link
Supervised Learning
- Linear models
- Random forest
- Neural networks

Databases Certificate link
- Relational databases
- SQL queries

Skills

Languages: Python 3, C/C++, SQL
Spoken Languages: Russian, English
Tools: Jupyter Notebooks, Git, LaTex, Docker
Libraries: NumPy, Pandas, MatPlotLib, SciKit-Learn