



BOBKOV DENIS

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Education

Higher School of Economics

Faculty of Computer Science

- Applied Math and Information Science, 8.91/10

Moscow

Sep. 2019 – exp. June 2023

Higher School of Economics

Faculty of Economic Science

- Financial Markets, 9/10

Moscow

Sep. 2020 – exp. June 2022

Projects

Liquidity Forecasting

<https://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

<https://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

<https://github.com/retir/microblog>

- Based on Flask and SQLAlchemy
- Contains database with posts, users and email registration

Experience

Laboratory Works

<https://github.com/retir/Laboratory-works>

- A set of different laboratory works performed during study
- Made in Jupyter Notebook (Python 3)

Algorithms and Data Structures

<https://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

- Parameter estimation
- A/B testing
- Production analysis

[Certificate link](#)

Machine Learning and Data Analysis

[Certificate link](#)

Supervised Learning

- Linear models
- Random forest
- Neural networks

Databases

- Relational databases
- SQL queries

[Certificate link](#)

Skills

Languages: Python 3, C/C++, SQL

Spoken Languages: Russian, English

Tools: Jupyter Notebooks, Git, LaTeX, Docker

Libraries: NumPy, Pandas, Matplotlib, SciKit-Learn