

BOBKOV DENIS

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Education

Higher School of Economics

Faculty of Computer Science

- Applied Math and Informatics, 8.91/10.0

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/hkrsmk/beeppoop>

- Analysing different liquidity metrics for patterns that is preceded by market crashes
- Making a model to forecast this metrics uses machine learning algorithms

Dota 2 Pick Helper

<https://github.com/hkrsmk/beeppoop>

- Analysing different different sets of variables that influence on math win probability
- Making a model that will predict match win probability
- Making a recommendation system that will suggest heroes to pick based on created model

Blog

<https://github.com/hkrsmk/beeppoop>

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

Experience

Laboratory Works

<https://github.com/hkrsmk/beeppoop>

- A set of different laboratory works performed during study
- Completed in Jupyter Notebook on Python 3

Algorithms and Data Structures

<https://github.com/hkrsmk/beeppoop>

- A branch of algorithms and structures that is performed during study
- Written on C++ and Python 3, tested by Yandex.Contest

Courses

Tinkoff Applied Statistic

[Certificate link](#)

- Parameter estimation, base of machine learning
- 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

Human Languages: Russian, English

Tools: Jupyter Notebooks, Git, LaTeX

Libraries: NumPy, Pandas, Matplotlib, SciKit-Learn