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Education

Higher School of Economics Moscow
Faculty of Computer Science Sep. 2019 – exp. June 2023
- Applied Math and Informatics, 8.91/10.0

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

Projects

Liquidity Forecasting https://github.com/hkrsmk/beepboop
- 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/beepboop
- 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/beepboop
- Based on Flask and SQLAlchemy
- Contains database with posts, users and email registration

Experience

Laboratory Works https://github.com/hkrsmk/beepboop
- A set of different laboratory works performed during study
- Completed in Jypiter Notebook on Python 3

Algorithms and Data Structures https://github.com/hkrsmk/beepboop
- 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