Kuzmin Nikita

MSU, CMC student, Kaggle expert

- 13 May, 1999
- Russia, Moscow
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About me

I am a third year student (Bachelor studies) at the Faculty of Computational Mathematics and Cybernetics, Mathematical Methods of Forecating department, Lomonosov Moscow State University.

Skills

- Python
- Pytorch
- Numpy & SciPy
- Audio processing
- XGBoost
- LightGBM
- CatBoost
- Git
- Latex
- Vowpal Wabbit
- C++

Education

2017-2019	Moscow State University Computational Mathematics and Cybernetics faculty	Moscow
2019-2021	Moscow State University Mathematical Methods of Forecasting department	Moscow

Courses

2018	Introduction into Machine Learning by Professor Alexander Dyakonov (Top 1 rank on Kaggle platform in 2012).
2018	Introduction into computer vision and deep learning by Anton Konushin.
2018	Neural methods of processing images by Victor Kitov.
2019	Top 2% (34 of 2300) of all participants at 6-th session of mlcourse.ai.
2019-now	Passing Audio Signal Processing for Music Applications on Coursera.

Competitions, Achievments

2018, Dec.	Credit scoring task (binary classification) Top 2% (2 of 103)	Kaggle Inclass
2019, Feb.	Sustainable Industry: Rinse Over Run (timeseries) Top 5% (67 of 1217)	DrivenData
2019, Jun.	Instant Gratification (synthetic data, binary classification) Top 10% (173 of 1832)	Kaggle
2019, Jul.	Freesound Audio Tagging 2019 (sound recognition, multiclass) Top 17% (148 of 880)	Kaggle
2019, Aug.	Predicting Molecular Properties (regression) Top 6% (141 of 2749)	Kaggle
2019, Sep.	APTOS 2019 Blindness Detection (images, multiclass) Top 7% (178 of 2943)	Kaggle
2019, Sep.	Kaggle expert Top 2% (1573 of 130 000) in Kaggle rankings	Kaggle
2019, Oct.	IEEE-CIS Fraud Detection (binary classification) Top 13% (818 of 6381)	Kaggle
2019, Jan	OneTwoTrip Contest (binary classification) Top 6% (20 of 372)	Boosters.pro
2019, Jan.	2019 Data Science Bowl (timeseries, multiclass) Top 2% (39 of 3497)	Kaggle

Work experience

2019, Jul.–Oct.	Huawei Technologies Co.,Ltd., Media Algorithm Lab Audio and speech recognition	Internship

Professional interests

- I am studying at the Mathematical Methods of Forecasting department under academic supervision of a Russian Academy of Science Professor Alexander Dyakonov (Top 1 in Kaggle rankings in 2012).

- Subject of my scientific work is audio recognition. Review of my research activity could be found in this GitHub repository and in this tabble: Activity report, which contains two sheets:

  1. Activity report with short reviews (partly on Russian, partly on English).

  2. Detailed articles review (fully on English).

Other information

- 325 extra-hours (apart from secondary school studies) of English.

- Two weeks language practice at Limerick Language Centre (Ireland), Summer 2018.

- Master of Sports of Russia in swimming and a member of the MSU swimming team.