Alexey Lopatin

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Work experience

Yandex   **Intern ML Engineer**
St. Petersburg, Russia   *Feb 2020 - Jun 2020*

- Added validation of data in regular pipeline
- Improved quality metrics of recommendation system on films and series
- Made AB experiments(e.g experiment of adding candidate generator from top makers, experiment of new series formula with various hyperparameters and objective function)

Education

National Research University Higher School of Economics   **St.Petersburg, Russia**
B. Sc. in Applied Math and Computer Science   *2020–2024*

Computer Science Center (Yandex, JetBrains)   **St.Petersburg, Russia**
Data Science & Software Engineering   *2019–2021*

- Self-driving • Reinforcement Learning • NLP • Machine Learning
- Probability theory • Math statistics • Algorithms • Hadoop • Python

National Research University ITMO   **St.Petersburg, Russia**
B. Sc. in Software Engineering   *2018–2020*

Relevant experience

Kaggle   **Competitions Contributor**
Machine Learning competitions

Telegram audio bot   **Developer**
Speech-to-text and backend(Yandex SpeechKit, Telegram API)

Huawei Hackathon   **Participant**
2D Image inpainting(Computer Vision, Keras/Tensorflow)   *2019*

Yandex ML Track   **Finalist**
Text classification(Scikit-Learn, Catboost, Pytorch)   *2019*

Shashka   **Developer**
Taxi aggregator(backend developer, finance API mostly)   *2020*

Programming skills

Programming languages: Python • SQL • C++ • Java • Bash
Frameworks & Libraries: PyTorch / Keras • Catboost/XGBoost • Numpy/Pandas • Scikit-Learn • Flask/Django
Big Data: Hadoop • Spark • ETL Proccessing
Databases: SQLite • MongoDB • Postgres • Redis
DevOps: Docker • Heroku • Git

Languages

Russian: Native
English: Upper Intermediate

Additional Info

- Participated in the final round of Math Republic Olympiad
- Doing competitive programming