Kirill Semin

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QUALIFICATIONS

Programming: Python, Java, C/C++, OpenCV, SQL

Data Science Frameworks: Pytorch, Scikit-learn, Pandas, NumPy, Matplotlib, NLTK, SpaCy

Tools: Git, Google Cloud Platform

WORK EXPERIENCE

Data Scientist in NLP   Sep 2020 - Now
Sberbank | Moscow, Russia
- Apply NLP/Deep Learning techniques to solve tasks for other business units.

AI Video Processing Specialist   Apr 2020 - Sep 2020
Huawei Technologies | Moscow, Russia
- [NDA] Test hypotheses on application of deep learning for video processing;
- Vectorized algorithms by implementing them in Pytorch making them several times more efficient in run time.

Software Development Engineer Intern   Jun 2019 - Sep 2019
Yandex N.V. | Moscow, Russia
- Developed an **intersection finding algorithm** for A/B testing to find and fix statistically dependent experiments;
- Refactored **key data source** for recommender system to improve the ability to modify it;
- Developed functional testing system for one of the services of the product.

INDEPENDENT PROJECTS

DeepModerator — gitlab.com/deepmoderator   Nov 2018 - July 2019

- Designed and developed the application to simplify forum/social network toxic comments moderation in collaboration with the teammate;
- Tested multiple ML models for toxic comments detection using ROC-AUC as a metric and deployed the project on Google Cloud Platform;
- Applied **transfer learning** (context independent embeddings, BERT), **active machine learning** (human-in-the-loop) and automatic data collection & interpretation to increase quality of toxicity considering the lack of labeled data.

COURSES

Deep Learning Specialization   2018
Coursera | Deeplearning.ai
Certificate - Average grade achieved: 99%.

EDUCATION

Master's degree, Information Systems and Technology   Now attending
Bauman Moscow State Technical University | Moscow, Russian Federation
GPA: 4.9/5

Bachelor's degree, Information Systems and Technology
Bauman Moscow State Technical University | Moscow, Russian Federation
GPA: 4.8/5