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, Gensim, MLflow

Tools: Git, Google Cloud Platform

WORK EXPERIENCE

Data Scientist in NLP
Sep 2020 - Now
Sberbank | Moscow, Russia

- Increased intent recognition quality for smart assistant skill by applying augmentations (paraphrase) and label denoising;
- Applied knowledge graph embedding techniques for maintenance worker recommendation for ATM;
- Pushed application of MLOps reducing deployment complexity and development&experiments structuring.

AI Video Processing Specialist
Apr 2020 - Sep 2020
Huawei Technologies | Moscow, Russia

- [NDA] Test hypotheses on the application of deep learning for video processing;
- Vectorized algorithms by implementing them in Pytorch making them several times more efficient in run time.

Software Developer 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 a 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 in collaboration with the teammate an application to simplify forum/social network toxic comments moderation;
- Applied **deep learning in NLP**, **active machine learning** (human-in-the-loop) and automatic data collection & interpretation. Deployed the system on Google Cloud Platform.

COURSES

Deep Learning Specialization
2018
Coursera | Deeplearning.ai

Certificate - Average grade achieved: 99%.

EDUCATION

Master's degree, Information Systems and Technology
2019-2021
Bauman Moscow State Technical University | Moscow, Russian Federation

GPA: 4.9/5

Bachelor's degree, Information Systems and Technology
2015-2019
Bauman Moscow State Technical University | Moscow, Russian Federation

GPA: 4.8/5