

# Kirill Semin

Moscow, Russia

✉: qseminq@gmail.com  
🐙: github.com/DrMatters  
in: linkedin.com/in/drmatters  
☎: +7 999 905 35 95

## QUALIFICATIONS

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

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

**Tools:** Git, Google Cloud Platform

## WORK EXPERIENCE

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### 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

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### DeepModerator — [gitlab.com/deepmoderator](https://gitlab.com/deepmoderator)

Nov 2018 - present

- Designed and developed the application to simplify forum/social network toxic comments moderation in collaboration with the teammate. Deployed it with Google Cloud Platform
- Applied **NLP**, **transfer learning** (context independent embeddings, BERT), **active machine learning** (human-in-the-loop) and data collection & interpretation to increase quality of models considering the lack of labeled data.

## COURSES

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### Deep Learning Specialization

2018

Coursera | [Deeplearning.ai](https://www.coursera.org/deeplearning)

Certificate - Average grade achieved: 99%.

### Machine Learning

2018

Coursera | Stanford & Andrew Ng

Certificate - Grade achieved: 98.8%.

## EDUCATION

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### Master's degree, Information Systems and Technology

2019 - 2021

Bauman Moscow State Technical University | Moscow, Russian Federation

Cumulative GPA: 3.9/4

### Bachelor's degree, Information Systems and Technology

2015 - 2019

Bauman Moscow State Technical University | Moscow, Russian Federation

Cumulative GPA: 3.8/4