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EDUCATION

National Research University Higher School of Economics — Moscow, Russia
Bachelor of Applied Mathematics and Computer Science — *Sep 2015 – Jul 2019*

EXPERIENCE

Yandex — Moscow, Russia
Junior Data Scientist — *Dec 2017 - Sep 2018*

- **Yandex Zen**: A personal content feed based on your interests. Machine Learning team. (Python, Java)
  - Created large block model to feed each text from the news feed to multiple meta classifiers such as topic, tragic and nswf classifier.
  - Implemented classifiers joint training increasing f1 score of each class on $\sim 10\%$.
  - Improved quality on the duplicate text recognition by 7% using Convolutional Siamese Networks.
- **Yandex Maps**: Detailed maps of the whole world. Computer Vision team. (Python)
  - Increased accuracy of the Siamese Convolution Network from 85% to 89% while working at one-shot-learning topic for worldwide sign detection

HSE Lambda Laboratory & CERN — Moscow, Russia
Junior Researcher — *Oct 2018 - Present*

- **Particle Identification**: Particle classification on Large Hadron Collider
  - Improved quality of Pytorch deep model from 95% to 98% average ROC-AUC on particle classification.
  - Accelerated classification by 6 times using bayesian inference.
- **RICH**: Detector response generation at Large Hadron Collider
  - Building GANs with Cramer distance using Tensorflow.

Moscow Coding School — Moscow, Russia
Teacher — *Feb 2018 - Jul 2018*

- **Machine Learning Teacher**:
  - Created semester course about machine learning and data science for 10-11 graders.
  - Prepared and maintained two Kaggle Inclass competitions in the field of natural language processing and computer vision.

ADDITIONAL EXPERIENCE

- **Junction**: The biggest Europe hackathon.
  - Winner of the "Summarizing News" challenge, the best project at AI section
- **Teachers Assistant**: Data analysis in international relations
  - Teaching about data science at HSE Data Culture course
  - Prepared and maintained Kaggle Inclass competition about data analysis

ADDITIONAL SKILLS

- **Programming languages:**
  - **Python(Proficient)**, Java, C++, JavaScript, Bash
- **Languages:**
  - English - Advanced, Russian - Native
- **Technologies:** Jupyter Notebook, PyTorch, TensorFlow, Keras, Data Science stack