

Kirill Gelvan

 [Kirili4ik](#)

  

EDUCATION

Sep. 2017 - June 2021	Bachelor of Computer Science, GPA: 8.1/10.0 <ul style="list-style-type: none">– Major: Applied Mathematics and Computer Science– Selected courses: DL, DL for Audio, NLP, GANs, Large Scale ML <i>National Research University Higher School of Economics, Moscow</i>
-----------------------	---

WORK EXPERIENCE

Nov. 2021 - Present	NLP Engineer @ Sberbank <ul style="list-style-type: none">– Researched Few-Shot approaches to NER task, achieved SOTA results and wrote a blog post about it– Trained various models (BERT, Longformer, T5) for business projects– Used Python, Pytorch Lightning, Transformers
---------------------	--

PROJECTS

Dec. 2021	Russian telegram bot for dialogue summarization <ul style="list-style-type: none">– Led a team of 3 students: provided the idea and theoretical background, assigned tasks, demonstrated best practices– Created a telegram bot based on mBART model– The project is being used by over a 100 group chats with more than a 1000 requests a month <i>Educational Center "Sirius", Sochi</i>
July 2020 - July 2021	A study of Transformers for symbolic mathematics <ul style="list-style-type: none">– Wrote a bachelor thesis researching ways to utilize structure of math expressions in the Transformer architecture– Used Python, Pytorch, Docker <i>Samsung-HSE laboratory</i>
Nov. 2019 - June 2020	Natural Language to Machine Learning corpus <ul style="list-style-type: none">– Designed and collected a corpus of queries in natural language matched with ML code snippets fulfilling the queries (>100k pairs)– Used Python, Tensorflow, NLTK, Spacy <i>Lambda-HSE laboratory</i>

TEACHING EXPERIENCE

Sep. 2021 - Present	Practical sessions leader on Deep Learning using Pytorch <i>HSE Introduction to Deep Learning Applied DL</i>
Feb. 2020 - Present	Creator and manager of DS and ML online courses <i>HSE Introduction to DS, Introduction to ML, Modern ML methods</i>
Sep. 2019 - July 2021	Teaching assistant on multiple ML bootcamps <i>Sberbank Corporate University, Higher School of Economics</i>

TECHNICAL SKILLS

Programming:	Python, SQL, C++, C
ML/DL:	PyTorch, NumPy, SciPy, pandas, scikit-learn, Spark, TensorFlow, Keras
Applications:	git, bash, L ^A T _E X