

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>
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WORK EXPERIENCE

Mar. 2022 - Present	NLP Engineer @ Journey <ul style="list-style-type: none">– Implemented and integrated a model for generating questions on previous day dialog, resulting in an 8% increase in ARPU– Replaced rule-based classification with a distilled and quantized BERT-like model, which improved quality while maintaining roughly the same throughput– Used Python, Transformers, DVC, git
Nov. 2021 - Mar. 2022	Junior NLP Engineer <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

Jan. 2022 - Dec. 2022	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 has achieved full sustainability and currently receives over 1,000 requests daily <i>Educational Center, 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, WandB, Docker <i>Samsung-HSE laboratory</i>

TEACHING EXPERIENCE

Sep. 2021 - Present	Practical sessions leader on Deep Learning using Pytorch <i>HSE Introduction to Deep Learning, Applied Deep Learning</i>
Feb. 2020 - Mar. 2022	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