Kirill Gelvan

t.me/Kirili4ik ⋄ github.com/Kirili4ik ⋄ kirill-gelvan@mail.ru

STATEMENT

I am a new grad from BCs Applied Mathematics and Computer Science. Currently I am practising Deep Learning in side projects and spreading the knowledge to others with a lot of motivation and initiative, what ends up being a great experience for me. In my opinion best results can be achieved only by working in a team, with effective communication and confident leadership.

EDUCATION

Sept. 2017 - June 2021	**Bachelor of Computer Science, GPA: 8.1/10.0** – **Major**: Applied Mathematics and Computer Science – **Selected courses**: DL, DL for Audio, NLP, GANs, Large Scale ML *National Research University Higher School of Economics, Moscow*

PROJECTS AND EXPERIENCE

July 2020 - July 2021	**A study of Transformers for symbolic mathematics** – Wrote a bachelor thesis researching ways to utilize structure of math expressions in the Transformer architecture – Used Python, Pytorch, Docker *Samsung-HSE laboratory*
Nov. 2019 - June 2020	**Natural Language to Machine Learning corpus** – Designed and developed a corpus of queries in natural language matched with ML code snippets fulfilling the queries (>100k pairs) – Used Python, Tensorflow, NLTK, Spacy *Lambda-HSE laboratory*
Sep. 2019 - Dec. 2019	**Collembolas database** – Created a database from raw data to structure and facilitate data storage and processing for biologists – Used PostgreSQL *A.N. Severtsov Institute of Ecology and Evolution RAS, G.-A. University Goettingen, Germany*

TEACHING EXPERIENCE

Sep. 2021 - Present	**Leading practical sessions on Deep Learning using Pytorch** *HSE Introduction to Deep Learning*
Feb. 2020 - Present	**Creating and managing DS, ML and DL online courses** *HSE Introduction to DS, Introduction to ML, Modern ML methods*
Sept. 2019 - July 2021	**Working as a teaching assistant on Machine Learning intensives** *Sberbank Corporate University, Higher School of Economics*

TECHNICAL SKILLS

Programming:	Python, SQL, C++, C
ML/DL:	PyTorch, NumPy, SciPy, pandas, scikit-learn, Spark, TensorFlow, Keras
Applications:	git, bash, LaTeX