




Kirill Gelvan

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EDUCATION

Oct. 2023 - Oct. 2025	Master of Science (GPA: 1.9/5.0) <ul style="list-style-type: none">– Major: Mathematics in Data Science (120 ECTS)– Activities and societies: CIT Student representative (member of Fachschaft), AI-Makeathon winner (Multi-Agent system)– Courses: ML (Prof. Günnemann), DL (Prof. Nießner), Advanced DL for Robotics (Prof. Bäuml), Advanced NLP and more.– Thesis: "Implicit Context Condensation for local SWE Agents" at JetBrains Research <i>Technical University of Munich (TUM), Munich, Germany</i>
Sep. 2017 - June 2021	Bachelor of Science, GPA: 7.96/10.0 (German: 2.0/5.0) <ul style="list-style-type: none">– Major: Applied Mathematics and Computer Science (220 ECTS)– Minor: Mastering teaching in the digital age (20 ECTS)– Concentration: Machine Learning and Applications– Thesis (with honours): "Empirical study of Transformers for symbolic mathematics" at Samsung-HSE laboratory– Courses: DL, DL for Audio, NLP, GANs, Large-Scale ML <i>HSE University, Moscow</i>

EXPERIENCE

Industry

Aug. 2024 - Present	AI Agents Researcher @ JetBrains AI Agents team <ul style="list-style-type: none">– Built the IDE Debugging-Agent PoC with pdb– Explored context condensation strategies for local SWE-Bench solving agents– Used Python, LangChain, LangGraph
Mar. 2022 - Sep. 2023	NLP Research Engineer @ EVA AI (SDG) <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 model, improving quality while maintaining the same throughput– Incorporated summarization to the generation pipeline achieving 3 times longer memory for the chat bot as well as a 9% ARPU increase– Used Python, Transformers, PyTorch, git

Teaching

Sep. 2021 - Jan. 2022	Practical sessions leader on Deep Learning using Pytorch <i>HSE university: Introduction to Deep Learning, Applied Deep Learning</i>
Feb. 2020 - Mar. 2022	Creator and manager of DS and ML online courses <i>HSE Coursera: Introduction to DS, ML, Modern ML methods</i>
Sep. 2019 - July 2021	Teaching assistant on multiple MBA bootcamps <i>Corporate University in collaboration with HSE University</i>

Project

Jan. 2022 - Dec. 2025	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 and supervised– Created a <u>telegram bot</u> based on mBART model and wrote a <u>post</u>– The project successfully secured a grant and has reached complete sustainability, attracting over 1,000 daily requests
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ADDITIONAL

Tools:	Python, PyTorch, NumPy, SciPy, pandas, scikit-learn, SQL, C++; git
Self-development:	Full Stack Deep Learning, Machine Learning System Design, How to Win a Data Science Competition, Algorithmic Toolbox by UC San Diego
Languages:	Russian(C2), English(C1), German(A1), Turkish(A1)

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