

# Kirill Gelvan

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## EDUCATION

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

## EXPERIENCE

### Industry

Aug. 2024 - Present	<b>AI Agents Researcher @ JetBrains AI Agents team</b> <ul style="list-style-type: none"><li>– Built the IDE Debugging-Agent PoC with pdb</li><li>– Explored context condensation strategies for local SWE-Bench solving agents</li><li>– Used Python, LangChain, LangGraph</li></ul>
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Mar. 2022 - Sep. 2023	<b>NLP Research Engineer @ EVA AI (SDG)</b> <ul style="list-style-type: none"><li>– Implemented and integrated a model for generating questions on previous day dialog, resulting in an 8% increase in ARPU</li><li>– Replaced rule-based classification with a distilled and quantized BERT model, improving quality while maintaining the same throughput</li><li>– Incorporated summarization to the generation pipeline achieving 3 times longer memory for the chat bot as well as a 9% ARPU increase</li><li>– Used Python, Transformers, PyTorch, git</li></ul>
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### Teaching

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

Jan. 2022 - Dec. 2025	<b>Telegram bot for dialogue summarization</b> <ul style="list-style-type: none"><li>– Led a team of 3 students: provided the idea and theoretical background, assigned tasks, demonstrated best practices and supervised</li><li>– Created a telegram bot based on mBART model and wrote a post</li><li>– The project successfully secured a grant and has reached complete sustainability, attracting over 1,000 daily requests</li></ul>
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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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