

Ali Holmov*

📍 Munich, Germany

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Education

M.Sc. Technical University Munich , Computer Science	Oct. 2025 - present
• Current GPA: 1.3 (German scale; 1.0 = highest)	
B.Sc. University of Marburg , Computer Science	2021-2025
• GPA: 1.3 (German scale; 1.0 = highest)	
B.A. Saint Petersburg University , Philosophy	2016-2020
• GPA: 4.7/5.0 (5.0 = highest)	

Experience

Student Researcher , EML Munich (Prof. Akata)	Munich, Germany
• Topic: User model extraction via causal self-distillation with unlabeled real-world chat data (ICLR 2027 submission).	March 2026 - present
ML Engineer , Helmit, Part-time	Munich, Germany
• Developed an on-device content moderation model using reasoning distillation, achieving 93% parameter reduction while outperforming the production model across all benchmarks.	Nov. 2025 - present
AI-Engineer , AUDI, Internship	Ingolstadt, Germany
• Built GraphRAG retrieval pipeline enabling natural-language search over unstructured production planning documents.	Apr. 2025 – Sep. 2025
Student Researcher , Explainable AI Research Group, hessian.AI	Marburg, Germany
• Topic: Knowledge editing in LLMs (ACL 2026 paper).	Nov. 2023 - Sep. 2025
Research Intern in AI Safety , King's College London	London, UK
• Topic: Lottery Ticket Hypothesis & Effective Density of Feed-Forward models (ECAI 2024 paper)	Aug. 2023 - Oct. 2023

Publications

One Mask to Rule Them All: On Hidden Facts after Editing and How to Find Them	2026
Ali Holmov, Paul Youssef, Nandi Schoots, Christin Seifert	
Findings of Association for Computational Linguistics 2026. 🔗	
Code: github.com/holmov1/one-mask-ke 🔗	
The Propensity for Density in Feed-forward Models	2024
Nandi Schoots, Alex Jackson, Ali Kholmovaia, Peter McBurney, Murray Shanahan	
In European Conference on Artificial Intelligence 🔗	
Physicians Trust AI Less in Complex Cases, but Rely on It Just as Much	2026
Nadine Schlicker, Noëlle Steffens, Ali Kholmovaia, Orestis Loukas, Leander E. Melms, Martin C. Hirsch, Markus Langer	
Journal: Technology, Mind, and Behavior	

*Using Holmov, a simplified version of my surname (Kholmovaia), since 2026.

Skills

ML: pytorch, transformers, sklearn, pandas, numpy, langchain, wandb, CUDA, huggingface

Programming Languages: Python, JavaScript, C++

Backend & DevOps: Git, Flask, NestJS, Docker, AWS, Google Cloud

Languages: German - C1 (DSH-II certificate), English - C1 (IELTS 8.0), Russian - native

Scholarships & Awards

Scholarship , Friedrich-Ebert-Stiftung, merit-based full scholarship for academically gifted students with high commitment to democratic values.	2025-2027
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Hessian State Teaching Award , for Student Initiative AI-Lab: AI & Society, Hessian Ministry of Science	2025
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DAAD Award for Outstanding International Students at German Universities , University of Marburg	2023
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DAAD-STIBET Scholarship for Outstanding Engagement during the War in Ukraine , University of Marburg	2022
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