Jan Kompatscher - Curriculum Vitae

Current Job: Research Assistant, Aalto University
Location: Helsinki, Finland
Phone: +39 351 751 9941
Email: jankompatscher@gmail.com
Website: jankompatscher-a55fa.web.app

Research Interests

My interests lie in human-Ai collaboration, intent alignment, and RL. My goal is to work on human-AI alignment and to create ways for democratizing model development and fine-tuning.

Education

- **ELLIS PhD Student**
  Aalto University, Dec. 2024 - Dec. 2028
- **M.Sc. in Human-Computer Interaction and Design**
  Aalto University and University of Trento, Sept. 2022 - Oct. 2024
  120 ECTS GPA 97.66% (graduated with honours)
- **B.Sc. in Visual Computing**
  TU Wien, Sept. 2016 – Mar. 2021
  180 ECTS GPA 80.72%
- **Exchange Program in Computer Science**
  University of Calabria, Mar. 2018 – July 2018
  21 ECTS GPA 81.43%

Employment

- **Researcher**
  Aalto University, Computational Behavior Lab, Apr. 2024 - Present, Espoo, Finland
  Research on modeling human behavior

  Aalto University, Computational Behavior Lab, Mar. - Jul. 2023, Espoo, Finland
- **Software Developer**
  EOS Solutions, Mar. 2021 - Feb. 2023, Oct. 2023 - Mar. 2024, Bozen, Italy
  Developing customizations of Microsoft Dynamics Business Central (ERP Software)
- **Teacher (7th & 8th grade)**
  Mittelschule Leo Santifaller Kastelruth, Dec. 2020 - Feb. 2021, Kastelruth, Italy
  Teacher of German, History and Geography
- **Junior Developer**
  Naramis, professional restaurant software, Jul. – Sep. 2018, Jul. – Sep. 2019, Völs am Schlern, Italy
  Migration of the software from one framework to another

Publications

Kompatscher, Jan, Danqing Shi, Giovanna Varni, Tino Weinkauf, Antti Oulasvirta. *Interactive Groupwise Comparison Can Improve the Efficiency of RLHF*. Proceedings of IJCAI 2025 (in preparation).

Kompatscher, Jan. *Interactive Groupwise Comparison for Faster Reinforcement Learning from Human Feedback*. Master's thesis, Aalto University, September 2024. `https://urn.fi/URN:NBN:fi:aalto-202501271897`

Kompatscher, Jan, Roy Alia Asiku, Filippo Gerin, Alessio Zeni. *Detection of Glaciers and Equilibrium Line Altitude (ELA) for Trentino Province Using Remote Sensing Methods*. Team 8, Public AI Challenge 2023, December 2023. Mentored by Christian Casarotto, Francesca Bovolo, Milad Niroumand Jadidi.

Kompatscher, Jan. *Automatic Gradient-Preserving Stencilization of Raster Images*. Bachelor's thesis, TU Wien, March 2021. `https://www.cg.tuwien.ac.at/research/publications/2021/Kompatscher-2021/`

Awards

- **1st Place, Public AI Challenge Trento** - Developed an ML model for detecting glaciers and equilibrium line altitude (ELA), Public AI Challenge 2023.