

Maximilian Eder

max.eder@aol.com

EDUCATION

Bauhaus-Universität Weimar

Weimar

M.Sc. Human-Computer Interaction

2023 – Current

- **Elected Student Council Member:** Led initiatives to improve campus life and organised major events
- **Volunteer Bike Workshop Technician:** Conducted weekly repair sessions promoting sustainable mobility

York University

Toronto

Exchange Semester - Digital Media Program

Aug 2024 – Dec 2024

- **Erasmus+ Scholarship**

Universität Regensburg

Regensburg

B.A. Media Informatics (1st Major), Media Studies (2nd Major)

2018 – 2022

- **Bachelor Thesis:** Reproduced Reality - Exploration and Evaluation of Projected Augmented Reality Overlays
- **Member of the Student Council:** Representation of student interests, planning and execution of major campus events
- **Study-Accompanying IT Training (SITA):** Completed modular IT training program alongside university studies

PROFESSIONAL EXPERIENCE

Bauhaus-Universität Weimar – Chair of Computational Social Science

Weimar

Predoctoral Fellow

Mar 2025 – Current

- Investigating the impact of digital technologies and AI on society
- Developed and conducted large-scale controlled experiment (n=1000) exploring personality and opinion alignment effects in human-AI interaction

German Aerospace Center – Institute of Data Science

Jena

Research Assistant

May 2025 – Current

- Research, design and development of data visualisation strategies for sustainable airport operations
- Collaborating with interdisciplinary teams to develop scalable visual analytics tools

Digital Product School Fellowship

Munich

Interaction & Product Designer

Sep 2022 – Dez 2022

- Fellowship in collaboration with Digitalschmiede Bayern and the Technical University Munich
- Conceptualised and built an innovative legal-tech application, now in use at the Bavarian State Attorney's Office
- Led user research, product design, stakeholder communication and project management efforts, ensuring alignment between user needs, technical feasibility, and organisational objectives

Kleinlaut

Regensburg

Web Developer

Jan 2021 – Jun 2023

- Contributed to and led the development of responsive, user-friendly websites tailored to client specifications, leveraging modern frameworks and technologies
- Collaborated with designers, project managers, and clients to translate creative concepts into functional web applications, ensuring alignment with project goals and brand identity

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EXTRACURRICULAR ACHIEVEMENTS

New Builds — *1st Place Winner*

Toronto

Hackathon

2024

- Developed AI-driven urban planning platform turning citizen feedback into actionable proposals

MIT RealityHack — *Finalist (Top 12 / 100) & Honorable Mention*

Boston

Hackathon

2024

- Conceptualised, designed and built a mixed reality experience that enables interactive, collaborative learning

PUBLICATIONS

Eder, M., Lechner, C., & Jakesch, M. (2025). Bytes of a Feather: Personality and Opinion Alignment Effects in Human-AI Interaction (No. arXiv:2511.10544). *arXiv*.

<https://doi.org/10.48550/arXiv.2511.10544>

Eder, M. (2025). Student Perspectives on AI Adoption in Academia: Motivations, Purposes, and Challenges. In *Proceedings of the Mensch und Computer 2025 (MuC '25)*, 711–715. Association for Computing Machinery.

<https://doi.org/10.1145/3743049.3748545>

Poster presented in Chemnitz, Germany.

Eder, M. (2025). Collaborating with the Machine: Potentials and Risks of Human-AI Collaboration. In *Proceedings of the International Symposium on Electronic/Emerging Art 2025 (ISEA '25)*, 1049–1052. Art Center Nabi, Institute for Culture and Arts Seoul National University.

Paper presented in Seoul, South Korea.