

Felix Gröner

Contact me at fgroener@asu.edu

Find an interactive CV at <https://groenerfelix.github.io>

Also find me on [Google Scholar](#) and [LinkedIn](#)!

Publications

Gröner, F., & Chiou, E. K. (2024). Investigating the Impact of User Interface Designs on Expectations About Large Language Models' Capabilities. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*. <https://doi.org/10.1177/10711813241260399>

Kraus, J. M., Merger, J., **Gröner, F.**, & Pätz, J. (2023). 'Sorry' Says the Robot: The Tendency to Anthropomorphize and Technology Affinity Affect Trust in Repair Strategies after Error. *Companion of the 2023 ACM/IEEE International Conference on Human-Robot Interaction* (pp. 436-441). <https://doi.org/10.1145/3568294.3580122>

Academic Projects

People and LLMs learning each other's competencies

January 2025 – Present

Class Project in AI Safety

- Can people accurately calibrate their expectations for LLMs in various domains?
- Can LLMs identify whether they or the individual prompting them is more competent?

GUIDE-LLM: GUI for Directing Expectations for LLMs

January 2025 – Present

~~Center for Accelerating Operational Efficiency~~ continued as dissertation project

- Catalog people's expectations for Capabilities and Limitations of Large Language Models (LLMs)
- Design UI elements that leverage insights from cognitive psychology to intuitively direct people towards appropriate expectations

MEGAWATT: Generative AI for Intelligence Reporting

December 2023 - December 2024

Center for Accelerating Operational Efficiency

- Investigating people's trust in and reliance on AI-generated intelligence reports
- Prompting Large Language Models (LLMs) to follow practitioners' standards of intelligence reporting

Effects of Explainable AI on Trust and Adherence

January 2022 - September 2022

Master Thesis at Ulm University

- Provided global (linear surrogate) and local (LIME) explanations for loan application decisions

Education

Ph.D. Human Systems Engineering

Expected August 2026

Arizona State University, Mesa, AZ

GPA 4.0

- Topics: Research methods, statistics, user-centered design, human-computer interaction, science-technology-society, safety of cyber-physical systems

M.Sc. Cognitive Systems

June 2024

Ulm University, Ulm, Germany

- Thesis: The Role of Explainable Artificial Intelligence (XAI) in Trust and Adherence to AI Recommendations
- Topics: Modeling of cognitive systems, cognitive psychology, brain-computer interfaces, human-robot

M.A. International Politics and International Law

December 2022

Kiel University, Kiel, Germany

- Thesis: Necessity of Adapting the International
- Topics: European law, international law, international dispute settlement, political consequences of technology

B.A. Political Science and Computer Science

December 2020

Kiel University, Kiel, Germany

- Thesis: NATO's Strategy to Deter Cyber Attacks
- Topics: European integration, comparative politics, international relations

B.Sc. Business Information Systems

December 2019

Kiel University, Kiel, Germany

- Thesis: Client's Influence on the Choice of Project Management Technique in Software Development
- Topics: Programming, algorithms, data structures, computer systems, software engineering, web science, business administration, statistics, IT law, IT security

Relevant Work Experience

Graduate Research Assistant

December 2023 – April 2025

Center for Accelerating Operational Efficiency (CAOE)

- Developing and programming a LLM-powered chatbot web application study paradigm with behavioral data recording
- Planning and preparing a study with human participants (IRB, Qualtrics, Prolific)
- Presenting at conferences (e.g., CAO E annual meeting 2024 in D.C.) and meetings with stakeholders from CAO E, DHS, USAF
- Writing conference and journal submissions from research insights
- Planning and writing project proposals for grant applications

Graduate Teaching Assistant

August 2023 - December 2023

Arizona State University

- Taught Information Technology 101: Python programming, Raspberry Pi

Undergraduate Research Assistant

June 2022 - August 2023

Human Factors at Ulm University

- Co-authored a research paper on the effects of trust repair strategies for robots
- Assisted in managing a large project studying passersby's perception of autonomous robots in public spaces

Undergraduate Research Assistant

May 2018 - November 2018

Web Science at Kiel University

- Set up an online survey for a research project investigating people's classification of political tweets

Extracurriculars & Scholarship

- “Deutschlandstipendium” (1 year scholarship) awarded for good placement in nation-wide programming competition (software challenge, Kiel University, Germany)
- Internship at Miller & Meier Consulting (Berlin, Germany): developed a natural language processing (NLP) solution to assist political advisors in daily research tasks
- Participation in several Model United Nations (UN simulations), e.g., National Model United Nations 2019 (New York)
- Tutoring of student delegation for Model United Nations: teaching diplomatic conduct, conflict resolution, UN procedures

Skills & Knowledge

- Languages: German (native), English (fluent), Spanish (basic), French (basic)
- Programming Languages: Python, R, JavaScript
- Web development (React, NextJS, Tailwind, ...)
- Data science with focus on visualization of results
- Project and time management
- Modeling and communicating complex systems
- Interdisciplinary view of Computer Science including as data privacy, political implications, business cases, psychology, and philosophy
- Video editing

last updated April 2025