

DR. SARAH PRANGE | UX RESEARCHER

SKILLS

Research Strategy & Operations

- Project Leadership (led 15+ projects)
- End-to-End Research & Insight Synthesis
- International & Interdisciplinary Collaborations
- Mentorship

Research Methods

- **Discovery:** Contextual Inquiry, In-depth Interviews, Diary Studies, Focus Groups, Field Studies
- **Evaluation:** Usability Testing (Lab/Remote/Online), Concept Validation, Surveys
- **Analysis:** Qualitative Coding, Quantitative Data Analysis

Technical Prototyping & Tools

- **Engineering:** Python, Android (Java), HTML/JavaScript, Node.js, C#, C++
- **Prototyping:** High-Fidelity Functional Prototyping, AR/VR Environments, Smart Home
- **Design:** Figma, Adobe Creative Suite, Affinity Suite

Languages

- German (Native)
- English (Fluent)
- French (Good)

ABOUT

Creative and empathic Senior UX Researcher (PhD) with 8+ years of experience in qualitative and mixed methods, a deep understanding of human factors in IT security & privacy, and profound knowledge of the entire user-centered design process. Sarah's passion lies in deeply understanding users' perceptions and needs, and crafting innovative digital solutions through technical prototyping. She enjoys working in dynamic, interdisciplinary collaborations to solve complex challenges.

EXPERIENCE

Senior UX Researcher (Post Doc) | Media Informatics, LMU Munich

12/2024 - today

- **Research Strategy:** Directing qualitative and mixed-methods research for ubiquitous multimedia and human-centered security & privacy
- **Concept Validation:** Developing and testing high-fidelity prototypes to evaluate users' interaction behavior with privacy permission interfaces (Android/Python)
- **Operational Management:** Migrated 4,500+ students to a campus-wide system

UX Researcher | Research Institute CODE, University of the Bundeswehr Munich

07/2019 - 09/2023

- **End-to-End Research Leadership:** Led 10+ major research projects from initial hypothesis to final analysis, synthesizing complex insights into actionable design recommendations. Specializing in human-centered security & privacy (incl. publications at CHI, SOUPS)
- **Featured Project:** PriView (CHI 2021) - Led research on privacy awareness visualizations; presented to international audience: <https://youtu.be/vrWA04ytmeA>
- **Collaboration:** International and cross-discipline collaborations in 20+ other research projects, including large-scale lab and field studies

UX Researcher | University of Applied Sciences Munich

12/2017 - 06/2019

- Research on biometric authentication, led 4 peer-reviewed publications

Research Internship | Lancaster University, UK

10/2018 - 12/2018

- developed a web app for the campus-wide public display network

EDUCATION

Doctorate (2022) | Media Informatics, LMU Munich

- Dissertation: "Usable Privacy and Security in Smart Homes"
- full text: <https://edoc.ub.uni-muenchen.de/31888/>

Master of Science (2017) | Media Informatics, LMU Munich

- Focus UX/Human-Computer-Interaction (minor in media design)
- Led 2 scientific publications, held tutorials for younger students

SOCIAL & LEADERSHIP

Mentorship: Regular advisory hour for students (2025-2026); Mentored 30+ students in research methodology selection and rigorous execution; Taught 10+ practical courses on user-centered research methods (2017-2024)

German HCI Community: Steering Committee member (2022) and lead organizer for international networking events (2019-2021) in a team of 25 volunteers

CHI Conference: Active student volunteering for the world's leading HCI conference; facilitated on-site operations for >3,500 attendees (2017-2021)

MuC (Mensch und Computer) Conference: Program Committee collaborator and peer reviewer for Germany's largest HCI conference series (2019-2021)