



Jannis Strecker

PhD Student at the University of St.Gallen



Work

09/2021 - present

University of St. Gallen, Switzerland

Research Assistant at the Interactions Research Group

Education

09/2021 - present

University of St. Gallen, Switzerland

Pursued Degree: PhD in Computer Science

03/2021 – 08/2021

Università della Svizzera italiana, Lugano, Switzerland

Master Thesis at Prof. Marc Langheinrich's group, Final Grade: 1.3

Title: Understanding Purpose-Driven Use of Interpersonal Location Sharing in Mobile Apps

03/2020 – 02/2021

Università degli Studi di Trento, Italy

ERASMUS Exchange, Visited Masters Degree: Human-Computer Interaction

04/2018 – 08/2021

Eberhard Karls Universität Tübingen, Germany

Degree: Master of Science in Media Informatics, Final Grade: 1.44

10/2014 – 03/2018

Eberhard Karls Universität Tübingen, Germany

Degree: Bachelor of Science in Media Informatics, Final Grade: 2.1

Community Service

Program Committee

Reviewing AC: CHI2025 LBW, Mensch und Computer 2024 Short Papers

Reviewing

CHI2023, CHI2024, CHI2025, DIS 2025, IMWUT, UbiComp2023, Mensch und Computer 2023, Mensch und Computer 2024

Special Recognitions for Outstanding Reviews: 3

Student Volunteer

CHI2023, Ubicomp 2022, UbiComp 2016, Mensch und Computer 2015

Selected Publications

Full publication record

<https://jrstrecker.de/publications>

<https://scholar.google.com/citations?user=OhhyXBwAAAAJ>

2025

Christopher Katins, Jannis Strecker, Jan Hinrichs, Pascal Knierim, Bastian Pfleging, and Thomas Kosch. 2025. **Ad-Blocked Reality: Evaluating User Perceptions of Content Blocking Concepts Using Extended Reality**. In CHI Conference on Human Factors in Computing Systems (CHI '25), April 26–May 01, 2025, Yokohama, Japan. ACM, New York, NY, USA, 18 pages. <https://doi.org/10.1145/3706598.3713230>

2024

Josef Guggemos, Roman Rietsche, Stephan Aier, Jannis Strecker and Simon Mayer. 2024. **Measuring Computational Thinking - Developing A Short Performance Test For Higher Education**. In Proceedings of the 21st International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2024), October 26-28, Zabreg, Croatia.

Luka Bekavac, Kimberly Garcia, Jannis Strecker, Simon Mayer, and Aurelia Tamò-Larrieux. 2024. **From Walls to Windows: Creating Transparency to Understand Filter Bubbles in Social Media**. In NORMalize 2024: The Second Workshop on the Normative Design and Evaluation of Recommender Systems.

Ge Li, Danai Vachtsevanou, Jérémy Lemée, Simon Mayer, and Jannis Strecker. 2024. **Reader-aware Writing Assistance through Reader Profiles**. In 34th ACM Conference on Hypertext and Social Media (HT '24), September 10–13, 2024, Poznań, Poland. ACM, New York, NY, USA. <https://doi.org/10.1145/3648188.3675152>

	Jannis Strecker, Simon Mayer, and Kenan Bektaş. 2024. Personalized Reality: Challenges of Responsible Ubiquitous Personalization . In Proceedings of Mensch und Computer 2024 – Workshopband, Gesellschaft für Informatik e.V. (MuC'24). 5 pages. https://doi.org/10.18420/muc2024-mci-ws11-200
	Eelco Herder, Laura Stojko, Jannis Strecker, Thomas Neumayr, Enes Yigitbas, and Mirjam Augstein. 2024. Towards new realities: implications of personalized online layers in our daily lives . i-com (June 2024). https://doi.org/10.1515/icom-2024-0017
	Aleksandar Slavuljica, Kenan Bektaş, Jannis Strecker, and Simon Mayer. 2024. NeighboAR: Efficient Object Retrieval using Proximity- and Gaze-based Object Grouping with an AR System . Proc. ACM Hum.-Comput. Interact. 8, ETRA, Article 225 (May 2024), 19 pages. https://doi.org/10.1145/3655599
	Jannis Strecker, Jing Wu, Kenan Bektaş, Conrad Vaslin, and Simon Mayer. 2024. ShoppingCoach: Using Diminished Reality to Prevent Unhealthy Food Choices in an Offline Supermarket Scenario . In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '24), May 11–16, 2024, Honolulu, HI, USA. ACM, New York, NY, USA, 8 pages. https://doi.org/10.1145/3613905.3650795
	Kenan Bektaş, Jannis Strecker, Simon Mayer, and Kimberly Garcia. 2024. Gaze-enabled activity recognition for augmented reality feedback . Computers & Graphics (2024), 103909. https://doi.org/10.1016/j.cag.2024.103909
2023	Jannis Strecker, Khakim Akhunov, Federico Carbone, Kimberly García, Kenan Bektaş, Andres Gomez, Simon Mayer, and Kasim Sinan Yildirim. 2023. MR Object Identification and Interaction: Fusing Object Situation Information from Heterogeneous Sources . Proc. ACM Interact. Mob. Wearable Ubiquitous Technol. 7, 3, Article 124 (September 2023), 26 pages. https://doi.org/10.1145/3610879
	Jannis Strecker, Simon Mayer, & Kenan Bektaş. (2023). Sharing Personalized Mixed Reality Experiences . In P. Fröhlich & V. Cobus (Eds.): Mensch und Computer 2023 – Workshopband. 03.-06. September 2023. Rapperswil (SG). https://doi.org/10.18420/muc2023-mci-ws12-263
2022	Jannis Strecker, Kimberly García, Kenan Bektaş, Simon Mayer, and Ganesh Ramanathan. 2022. SOCRAR: Semantic OCR through Augmented Reality . In Proceedings of the 12th International Conference on the Internet of Things (IoT '22), November 7–10, 2022, Delft, Netherlands. ACM, New York, NY, USA, 8 pages. https://doi.org/10.1145/3567445.3567453

Practical Experience

04/2019 – 03/2021	Research Training Group 1808: Ambiguity, University of Tübingen, Germany Project: "TinCAP", Role: Student Assistant (10h per month) Tasks: Web development (PHP, JavaScript, OpenLDAP, CSS), Server configuration (Apache, CentOS)
05/2018 – 08/2019	English Seminary, University of Tübingen, Germany Project: "Annotating Literature", Role: Student Assistant (15h per month) Tasks: Web development (PHP, JavaScript, CSS, MySQL)

Languages

German	Native Language
English	Fluency in writing and speaking (C1, study & work in English)
Italian	Good understanding and speaking skills (B1)
French	Basic understanding (A1)