Julian Elias Reiser

Website   julianreiser.github.io
Github   github.com/julianreiser

Professional experience

Since 2021   Scientific laboratory lead (GRAIL laboratory)
Leibniz Research Institute for Working Environment and Human Factors

- Leadership of a multidisciplinary project team, independent study conceptualization and implementation
- Synchronization and statistical analysis of large (neuro)physiological datasets (Matlab, Python)
- Science communication for the public, industry, and research

Since 2016   Scientific Researcher
Leibniz Research Institute for Working Environment and Human Factors

- Empirical research projects: data collection through statistical analysis, publication of scientific contributions
- Multivariate analyses, research proposals, scientific publications

2015–2016   Working student & intern
Daimler Research and Development – Speech Architecture & Concepts

- Development of grammars for language systems, empirical usability studies

2014-2015   Student assistant
Human Factors Department, University of Ulm

2012-2014   Student assistant & tutor
Institute of Experimental Industrial Psychology, Leuphana University Lüneburg

Academic background

Since 2021   Post-Doc
Leibniz Research Institute for Working Environment and Human Factors

2016– 2021   PhD Psychology (Magna Cum Laude)
Leibniz Research Institute for Working Environment and Human Factors
Ruhr-University Bochum

2014–2016   Master of Science Psychology, Majors: Health psychology & human factors (Grade: 1,4)
University of Ulm

2011–2014   Bachelor of Science Business Psychology (Grade: 1,8)
Leuphana University Lüneburg

2001–2010   Abitur (Grade: 1,4)
St. Christophorus Gymnasium Werne

Technische Kompetenzen

Programming languages	Matlab, Python, R, SPSS (including Syntax), SQL
IDE	VS Code, Matlab IDE, R Studio, SPSS, Spyder
Data processing	Data cleaning, artifact detection and correction, data synchronization of various measurement systems
Statistics & analysis	Inferential statistics, multivariate analyses, time series analysis, machine learning (basics), longitudinale data analyses, experimental design
AI tools & automatization	Local AI systems (Ollama), LLMs (ChatGPT, Claude) for analysis support and workflow optimization
Additional Tools	Git/version control, Office 365

Ehrenamtliche Tätigkeit

Seit 2025	Member of the scientific committee 6th International Mobile Brain/Body Imaging Conference 2026, Berlin, DE
2023-2024	Member of the scientific committee 5th International Mobile Brain/Body Imaging Conference 2024, Piran, SLO
2021	Organizer und coordinator of pre-conference workshops und tutorials 3rd International Neuroergonomics Conference 2021, Munich, GER
2017-2019	Doctoral student representative Leibniz Research Institute for Working Environment and Human Factors
2011–2014	Member and lead of the student association business psychology Leuphana University Lüneburg, GER