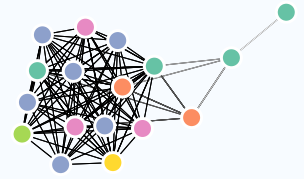


# STEFFEN RIEMANN

- Psychologist and neuroscientist with interest in statistic methods to predict and model behavioral data
- Experience with programming, statistics, data and project management from scientific projects
- Competency in dealing with complex and highly correlated datasets



## EXPERIENCE

2020  
|  
today

### Research Assistant

Meinzer Lab

📍 University Medicine Greifswald

- Projectmanagement of scientific studies, data collection, and analyses
- Bayesian and frequentist statistical analyses of behavioral data, and MRI data (highly correlated timeseries data and general image processing)
- Supervision of Bachelor's and Master's thesis as well as medical doctoral thesis

2022  
|  
2018

### Lecturer

📍 Magdeburg & Greifswald

- Tutorial and seminars to neuropsychology, biological psychology and general psychology



## EDUCATION

2020  
|  
today

### PhD neuroscience

Meinzer Lab

📍 University Medicine Greifswald

- *Thesis: Transcranial direct current stimulation during word learning from context and (functional) magnet resonance imaging predictors.*

2022

### Machine learning with python in scikit-learn

France Université Numérique

📍 Inria/FUN

- 36 h online course

2020  
|  
2017

### M.Sc. clinical neuroscience/psychology

Magdeburg

📍 Otto-von-Guericke University

- *Thesis: Investigating the relationship between age, speech ability, and the individual gamma frequency in the auditory cortex in children and adolescents.*
- final grade: 1.4

## CONTACT

✉ [steffenriemann@web.de](mailto:steffenriemann@web.de)

🐦 [@riemann\\_steffen](https://twitter.com/riemann_steffen)

🔗 <https://github.com/sriemannn>

Create with [pagedown](#).

source code  
[github.com/hstrayer/cv](https://github.com/hstrayer/cv).

last updated: 2024-05-26

2017  
|  
2014

## ● Bachelor of Science: Psychologie

Magdeburg

📍 Otto-von-Guericke University

- Thesis: Das Potential der rechten Hemisphäre Sprachfunktionen der linken Hemisphäre bei einer Aphasie nach einem Schlaganfall durch Neuroplastizität zu übernehmen. (*engl.: The potential of the right hemisphere to overtake speech functions of the left hemisphere in aphasia after stroke via neuroplasticity*)
- final grade: 1.5

## > PROGRAMMING EXPERIENCE

### ● R

good

- Statistic analysis of behavioral data and data simulation
- packages: *brms*, *lme4*, *tidyverse*, *ggplot2*

### ● Python

very good

- Data preparation, analysis and illustration
- packages: *pandas*, *numpy*, *polars*, *seaborn*, *matplotlib*, *scikit-learn*

### ● Rust

basics

- Smaller python functions with performance critical roles
- packages: *maturin*

### ● Matlab

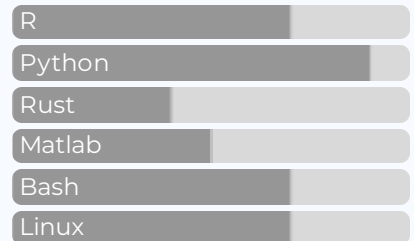
good

- MRI data analysis
- toolbox: *SPM*

### ● Bash

very good

- Helper scripts for automisation and MRI analyses



Reproducible and understandable code is essential for scientific work. Knowledge of multiple programming languages allows the flexibility to always pick the right tool for the job.



## Linux

good

- Experience with Ubuntu, Debian, and Fedora



## SELECTED PUBLICATIONS, TALKS, AND POSTER PRESENTATIONS

2024



### Introduction to Github

Young Neuroscientists Greifswald (YNG)

📍 University Medicine Greifswald

- Riemann, S.

2023



### Electrical brain stimulation during learning novel words from contextual information: brain regional specificity and timing effects

Learning and plasticity meeting (LaP2023)

📍 Äkäslompolo

- Riemann, S., van Lück, J., Rodríguez-Fornells, A., Flöel, A., & Meinzer, M.

2021



### A systematic review and meta-analysis of interventions for subjective cognitive decline

Alzheimer's and Dementia Translational Research & Clinical Interventions

- Roheger, M., Hennersdorf, X., Riemann, S., Flöel, A., & Meinzer, M.

Articles were created and published with international and multidisciplinary teams. Furthermore they were presented to an international scientific audience. More publications are listed on [Google Scholar](#)