

Skills

Data science	Python, R, SPSS, GitHub	See projects below
Coding	HTML, CSS	This website
Implementing experiments	MATLAB, SurveyMonkey	
Writing	Essays, protocols	
German	C2 level	Native speaker
English	C1 level	Instructional / examination language of M Sc program, high school courses
French	B1 level	Student exchange program to France (6 months), high school courses
Latin	Latinum	High school courses

M. Sc. projects

- Essays on topics related to abstract concepts and abstract cognition, e. g.
 - Theories of simulation
 - Methods in metaphorical mapping
 - Development of deductive reasoning
 - Sensorimotor and interoceptive grounding of abstract concepts
 - Sensorimotor development and cognitive development
 - Where does Mathematics come from?
 - Philosophy of mind
- Essays on neuroscientific questions, e. g.
 - Psychophysiology of love
 - Localization of facial processing
 - Hippocampal replay during sleep
 - The human language network
- Self-paced MATLAB online courses
- Implementation of the Posner cueing task in MATLAB (replication study)
- Implementation of an experiment on the effect of affective cues on operant learning

in a predator-prey paradigm in MATLAB

- Experiment on the food choices of *Formica cf. rufa* and their seasonal patterns
- Presentation on perceiving ensemble statistics
- Computational model of strategies used in a modified weather prediction task to assess statistical learning of abstract concepts in R
- Computational models of eye movements and decisions in R
- Wiki for Open Science
- Essay on philosophy of mind
- Data analysis project in R

B. Sc. projects

- Internship in the psychiatric unit of the university hospital Halle (Saale) (9 weeks)
- Experiment on retrieval-induced forgetting of words in free recall
- Experiment on the effect of emotionally incongruent facial cues on word recognition
- Evaluation of model constraints of the five-factor and four-factor model of the Baumgarten-Adjektivliste in self- and acquaintance judgements
- Marketing strategy for smart and convenient food
- Survey on the fairness of the *Numerus Clausus*
- Intervention strategy for socially disadvantaged students with test anxiety
- Similarity analysis of Wahl-O-Mat survey patterns over German parties
- Essay on the relationship between anxiety disorders and cannabis use
- Self-paced online courses
 - Bridge course mathematics
 - Introduction to the mathematics of algorithms
 - Artificial intelligence and machine learning for beginners

School projects

- Tutoring 6th - 10th grade students in maths, English, and French
- Assisting with project management in summer job at Bombardier