Ann-Kathrin Schalkamp

Curriculum Vitae

Personal Details

date of birth	24.11.1996
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github	https://github.com/aschalkamp

Education

2018–present	**Cognitive Science M.Sc.**, *University of Tübingen*, *current grade – 1.2*.
2015–2018	**Cognitive Science B.Sc.**, *University of Osnabrück*, *final grade – 1.5*.
2017–2018	Semester abroad with Erasmus at KU Leuven, Belgium
2007–2015	**Secondary School**, *Thomas-Morus-Gymnasium*, Oelde, *final grade – 1.0*.

Bachelor's Thesis

Title	*Analyzing event-related potentials in 8-channel EEG data using machine learning methods*
Supervisors	Prof. Dr. Gordon Pipa & M.Sc. Olivera Stojanovic
Description	Investigating whether EEG data acquired with the Traumschreiber, a portable high-tech sleep mask, is usable for traditional and single-trial analysis needed for Brain Computer Interfaces.

Master's Thesis

Title	*Building a trajectory model of cognitive and motor aging: exploring predictors in large-scale, longitudinal data of elderly using machine learning techniques*
Supervisors	Prof. Dr. Philipp Berens & Dr. Fabian Sinz
Description	Investigating trajectories of cognitive and motor functioning, and evaluating risk factors and predictors for pathological decline associated with neurodegenerative diseases using the TREND dataset

Experience

2019–2020 **compulsive laboratory internship**, *University of Tübingen: NeuroMADLAB*.
Multi-site and large-scale mega-analysis of resting-state fMRI to explore robust and stable biomarkers for Major Depressive Disorder using machine learning techniques and statistical analysis

2019–2020 **research assistant**, *University of Tübingen: Methods of Machine Learning*.
preparing scripts for the courses Probabilistic Inference and Learning, and Data Literacy, implementing a vectorized version of a Collapsed Gibbs Sampler for Latent Dirichlet Allocation to be used for Topic Modeling

2016–2017 **teaching assistant**, *University of Osnabrück: Department of Computer Sciences*.
Tutoring the course Algorithms and Data Structures

Languages

German	native language	
English	fluent	*written and spoken*
French	basic-intermediate	*written and spoken*

Interests

Dance Classical Ballet and Modern Dance