Taym Alsalti

Born 14.11.1996 in Damascus, Syria – permanent resident in Germany since 11.2015.

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Education

10.2019 – present	**M.Sc. Social Cognitive and Affective Neuroscience** Freie Universität Berlin, Berlin, Germany Thesis topic: A review of meta-analytic methods in tDCS-motor learning research (proposal here)
10.2016 – 09.2019	**B.Sc. Psychology** University of Freiburg, Freiburg i.Br., Germany Thesis topic: A review of research practices in cognitive psychology (complete thesis here)

Work and Research Experience

12.2019 – present   **Research assistance (35h/month)**
Department of Methods and Evaluation/Quality Assurance, Freie Universität Berlin.
- Data wrangling and analysis (exclusively in R)
- Proof reading and reviewing colleagues' manuscripts and grant proposals
- Text editing and formatting (mostly in R Markdown and LaTeX)
- Correcting homework and exams
- Preparing teaching materials
- Literature search
- Arranging meetings, supervising exams, etc.

04.2020 – present   **Research internship (remote)**
Meta-Research Innovation Center at Stanford (METRICS), California, USA.
- Participation in three studies (in order of contribution, involve co-authorship)
  1. On causal language in health research (manuscript working draft)
  2. On offensive peer review comments (pre-reg in progress, abstract)
  3. On brain drain (with Sophia Crüwell, pre-reg not yet published)

04.2019 – 07.2019   **Statistics, research ethics, and quantitative methods tutoring**
Faculty of Medicine, University of Freiburg.
- Moderating a team-based learning group of medical students with the goal of teaching topics such as literature search and correct citation, critical reading and evaluation of scientific publications, fundamental concepts of quantitative and epidemiological methods

04.2018 – 07.2019   **Statistics and SPSS tutoring**
Department of Social Psychology and Methodology, University of Freiburg.
- Teaching the foundations of statistics for the social sciences
- Teaching data analysis using SPSS
- Additional private tutoring in statistics for a blind student

10.2017 – 06.2019   **Research assistance (21h/month)**
Department of General Psychology, University of Freiburg.
- Data collection and wrangling
- Support in designing experiments
- Literature search

08.2018 – 10.2018   **Research internship (8 weeks full-time)**
Max-Planck-Institute for Cognitive and Brain Sciences, Leipzig, Germany.
- Data wrangling and analysis
- Support in designing an experiment
- Supervising groups during physical exercise/music-making sessions
- Assisting in running transcranial magnetic stimulation experiments
- Literature search and curation of musical stimuli for a study
- Constructing and conducting an online survey

03.2018 – 04.2018   **Research internship (in total ~60 hours)**
Biological and Personality Psychology Lab, University of Freiburg.
- Pre-processing questionnaire and EEG data

Additional Experience

Computer software, programming languages, online utilities:
- For data wrangling, visualisation, and analysis: R, Python, SPSS (+ JASP & JAMOVI)
- For text processing and presentations: MS Office (+ Google Docs), R Markdown, LaTeX
- Reference management and literature search: Zotero, Google Scholar, Web of Science, PubMed
- Surveys/questionnaires/data collection: Google/MS forms, LimeSurvey
- Miscellaneous: GitHub, SageMath (for writing and evaluating symbolic mathematical equations)

Languages (in order of frequency of use):
English (C2), German (C2), Levantine Arabic (Native language), French (C1).

Academic conferences/symposia (hyperlinks for more information):
1. (In)credible Research Conference (10.2020)
2. Instruction in Reproducible Research Symposium (03.-05.2021)
3. Society for the Improvement of Psychological Science's Conference (06.2021)

Online and extra-curricular courses (certificates available):
- Introduction to Linguistics (09.2017, Universiteit Leiden, Coursera)
- Language and the motor system (seminar on neurolinguistics, SS18, 6 ECTS, University of Freiburg)
- Python for Data Science, AI & Development (05.2020, IBM, Coursera)
- Mathematics for Machine Learning: Linear Algebra (05.2020, Imperial College London, Coursera)
- Data Analysis with Python (06.2020, IBM, Coursera)
- Research Data Management and Sharing (03.2021, UNC/University of Edinburgh, Coursera)
- Systematic Review & Meta-Analysis (03.2021, 0.9 ECTS, Charité, Berlin)
- Inductive Reasoning (04.2021, Duke University, Coursera)
- RepliCats workshop (involved evaluating the rigour and reproducibility of research papers, 06.2021)
- *Probability theory*[1] (05.-09.2021, MIT, edX)

Scholarships – References

Scholarships:
- **10.2019 – present**: Deutschlandstipendium
- **10.2016 – 07.2019**: DAAD + Baden-Württemberg Ministry of Science, Research, and the Arts

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[1] This instructor-paced course is worth highlighting since it was not only different in scope and implementation from the other online courses, but also more demanding and time-consuming than all of my actual master courses. More information about the content of the course here. The certificate will be available at the beginning of September.

References:

1. Prof. Dr. Steffi Pohl, Freie Universität Berlin, steffi.pohl@fu-berlin.de: professor of the department in which I work and my master thesis supervisor.
2. Dr. Andre Aßfalg, University of Freiburg, andre.assfalg@psychologie.uni-freiburg.de: my bachelor thesis supervisor.
3. Dr. Mario Malički, Meta-Research Innovation Center at Stanford, mmalicki@stanford.edu: head of the offensive peer review project

Other Interests/Activities

- Old music: listening to it, learning about its theory and history, massacring it on the piano, etc…
- Nature: hiking, cycling, feeding birds and other small animals.
- Miscellaneous: old novels; German poetry; (political) satire; science podcasts; formal logic, epistemology & philosophy of science; cooking & baking.