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davidwisniewski.github.io

PhD in Cognitive Neuroscience. Data Scientist. Passionate about problem-solving and effective communication of data. Analyzing data using machine learning and AI for more than 17 years.

PROFESSIONAL EXPERIENCE

- 11/2022 – today **Senior Data Scientist / Senior Policy Officer, German Federal Ministry for Economic Cooperation and Development, Berlin, Germany**
- Building AI applications for the public sector, e.g.
 - o LLM agentic chat systems
 - o RAG applications
 - Teaching data and AI skills to public sector employees
 - Supporting policymakers in data-driven decision-making
 - Visualization, data storytelling and communication
 - Project Management
- 05/2016 – 10/2022 **Cognitive Neuroscientist, Ghent University, Belgium**
- Applying machine learning algorithms to neuroimaging data
 - Analysis of behavioral and survey data
 - Experimental design
 - International academic cooperation
 - Teaching multivariate analysis of neuroimaging data
 - Science communication
- 10/2008 – 04/2016 **PhD in Cognitive Neuroscience, Bernstein Center for Computational Neuroscience Berlin und Berlin School of Mind and Brain (Summa Cum Laude)**

EDUCATION

- 10/2002 – 09/2008 **Studying Psychology, Humboldt University Berlin, Germany (Dipl.-Psych.)**
- Grade: 1.3 (Top 10%)
 - Professional experience at Max-Planck-Institute for Human Development, Berlin
- 09/2006 – 03/2007 **Exchange at University of Glasgow, UK**

AWARDS AND GRANTS

- 2021 – 2022** Research Grant, Ghent University (200.000€)
- 2019 – 2021** Research Grant, Research Foundation Flanders (40.000€)
- 2017 – 2021** Research Grant, Marie-Skłodowska-Curie Programme of the European Union (160.000€)
- 2010** Best Presentation Award at „Annual Conference of the Berlin School of Mind and Brain“
- 2006 – 2007** ERASMUS Fellowship

COMMUNICATION

Data and AI Communication

2022 – today Presentation of complex analytical results and AI fundamentals to diverse, non-technical audiences
Data translator

Science Communication – Academia

2013 – 2022 Publication of scientific papers in international journals [\[link\]](#)
Participation international scientific conferences in Europe and the US
Scientific Talks (e.g. at Princeton University, Cardiff University)

Science Communication – Interested Public

2020 Science Day, Ghent University [\[link\]](#)
2017 Falling Walls Lab, Brüssel [\[link\]](#)
2017 Science is Wonder-ful! Brüssel [\[link\]](#)

SKILLS

AI Application Development & Data Science

Agile software project management for AI-driven applications
Collaborative software development (git)
Governance and compliance for software in the public sector
Visualization and interactive presentation of analytical results
Statistical analysis of behavioral and neuroimaging data
Machine Learning, with a focus on supervised learning and reinforcement learning

User Research & UX

User-centered design for data- and AI-based applications
User research methods, including interviews, surveys, and usability testing
Translation of user needs into functional and technical requirements
Iterative prototyping and evaluation of AI applications
Clear communication of complex technical concepts to non-technical users

Communication and Teaching

Written and oral communication with academic and professional audiences
Preparation and presentation of complex data and analytical results for policymakers and the general public
Design and delivery of training sessions and workshops on data science and AI
Teaching data literacy and AI skills to diverse, non-technical audiences

Languages

German (native), English (professional working proficiency), Polish (2nd native language), Dutch (basic knowledge)