

Elif Akata

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EDUCATION

University of Munich <i>Ph.D. Machine Learning & Cognitive Science</i>	since Oct 2022 Munich, Germany
University of Tübingen <i>M.Sc. Computer Science</i>	Oct 2019 – Feb 2022 Tübingen, Germany
Saarland University <i>B.Sc. Computer Science</i>	Oct 2015 – Sep 2019 Saarbrücken, Germany

RESEARCH EXPERIENCE

Helmholtz Munich <i>Ph.D. Researcher</i> Human-Centered AI Lab, supervised by Dr. Eric Schulz and Prof. Dr. Matthias Bethge	Mar 2024 – Present
Tübingen AI Center & University of Tübingen <i>Ph.D. Researcher</i> International Max Planck Research School (IMPRS-IS) doctoral program, supervised by Dr. Seong Joon Oh	Oct 2022 – Feb 2024
Tübingen AI Center <i>Research Assistant</i> Computational Neuroscience and ML lab, supervised by Prof. Dr. Matthias Bethge	Oct 2021 – Sep 2022
Max Planck Institute for Intelligent Systems <i>Research Assistant</i> Haptic Intelligence department, supervised by Dr. Katherine Kuchenbecker	Sep 2020 – Nov 2020
Max Planck Institute for Software Systems <i>Student Research Assistant</i> Programming Analysis and Verification group, supervised by Dr. Eva Darulova	May 2017 – Apr 2019

TEACHING & SUMMER SCHOOLS

MIT Brains, Minds & Machines Summer Course <i>Woods Hole, USA</i>	2024
International Computer Vision Summer School (ICVSS) <i>Sicily, Italy</i>	2023
Trustworthy Machine Learning <i>TA for a 6 Credit M.Sc. lecture at University of Tübingen</i>	2023

INVITED TALKS

University College London <i>Experimental Psychology Department</i>	2024
London School of Economics <i>Generative AI in Social Science Research Workshop</i>	2024

SKILLS

Languages: English (IELTS Academic Band 7.5), German (DSH-2, CEFR Level C1), Turkish (Native)
Coding: Python, C/C++, Java, PyTorch, Numpy, Pandas, SciKit-Learn, OpenCV, Git, GPU Cloud, Arduinos

PUBLICATIONS

- Akata, E., Schulz, L., Coda-Forno, J., Oh, S. J., Bethge, M., and Schulz, E. (2023). Playing repeated games with large language models. *arXiv preprint arXiv:2305.16867. Nature Human Behaviour. Accepted.*
- Buschhoff, L. M. S., Akata, E., Bethge, M., and Schulz, E. (2024). Visual cognition in multimodal large language models. *arXiv preprint arXiv:2311.16093. Nature Machine Intelligence. Accepted.*
- Binz, M., Akata, E., Bethge, M., Brändle, F., Callaway, F., Coda-Forno, J., Dayan, P., Demircan, C., Eckstein, M., et al. (2024). Centaur: a foundation model of human cognition. *arXiv preprint arXiv:2410.20268. Under review.*