

# Zahra Arjmandi Lari

[z.arjmandi@gmail.com](mailto:z.arjmandi@gmail.com)

[in linkedin.com/in/zahraarjmandi/](https://www.linkedin.com/in/zahraarjmandi/)

[github.com/zahra-arjm](https://github.com/zahra-arjm)

EDUCATION	<b>M.A. Psychology</b> , Shahid Bahonar University of Kerman, Kerman, Iran 2016 <b>B.S. Physics</b> , Sharif University of Technology, Tehran, Iran 2013
RESEARCH EXPERIENCE	<b>Research Assistant</b> , Department of Psychology, University of Sheffield, UK Nov.2022-Apr.2023 Supervised by Dr. Tom Stafford <ul style="list-style-type: none"><li>Implementing network visualization of Wikipedia authors' discussions.</li><li>Data Analysis for the project "Opening up minds: Engaging dialogue generated from argument maps"</li><li>Generating artificial data for a data science challenge for Social Data Science students.</li></ul> <b>Volunteer Research Assistant</b> , School of Cognitive Sciences, IPM, Tehran, Iran 2018-2021 Supervised by Dr. Atiye Sarabi-Jamab Project "Theory of mind in a mixed cooperative-competitive strategic game" <ul style="list-style-type: none"><li>Developing experimental design</li><li>Data analysis and computational modeling</li><li>Preparing reports</li></ul>
TEACHING EXPERIENCE	<b>Teaching Assistant</b> <ul style="list-style-type: none"><li>Computational Neuroscience Summer School, Neuromatch Academy July 2023</li><li>Computational Modeling, University of Tehran Fall 2020</li><li>Computational Psychiatry, Iran University of Medical Sciences Fall 2020</li></ul>
COMPETENCES	<b>Languages</b> Farsi ( <i>native</i> ), English ( <i>fluent</i> , IELTS 7.5) <b>Techniques</b> Python: numpy, pandas, matplotlib, seaborn ★★★★★ Statistics ★★★★★☆ Git/GitHub ★★★★★☆
PROFESSIONAL DEVELOPMENT	<b>Collaborative Scientific Software Development and Management of Open Source Scientific Packages Workshop</b> , ICTP, Trieste, Italy Dec. 2022 <b>Deep Learning Summer School</b> , Neuromatch Academy Aug. 2021 <b>Hands-on Statistics with R Workshop</b> , IPM, Tehran, Iran Mar. 2017 <b>MOOC IBM Data Science Professional Certificate</b> , IBM, Coursera Sept. 2022 <b>MOOC Data Visualization with Python</b> , IBM, Coursera May 2022 <b>MOOC Bayesian Statistics</b> , University of California, Santa Cruz, Coursera Oct. 2019 <b>MOOC Machine Learning</b> , Stanford University, Coursera Sept. 2019
PUBLICATIONS	von Hecker, U., Arjmandi Lari, Z., Fazilat-Pour, M., & Krumpholtz, L. (2021) Attribution of feature magnitudes is influenced by trained reading-writing direction. <i>Journal of Cognitive Psychology</i> , 1-14. <a href="https://doi.org/10.1080/20445911.2021.1978472">https://doi.org/10.1080/20445911.2021.1978472</a>
COMMUNITY SERVICES	<b>Progress Monitoring at Karyar College</b> since May 2021 Kaaryar College is a not-for-profit startup that trains skilled software developers in underprivileged communities of Iran and connects them to well-paying jobs in the technology sector. <ul style="list-style-type: none"><li>Monitoring students' progress based on the reports from their mentors and TAs</li><li>Improving report process by making it more structured and quantitative</li><li>Helped in applying data-driven decision-making</li></ul>

HONORS AND AWARDS	Member of Iranian Elite Institute	2008–2016
	Gold medal in Iranian student Astronomy and Astrophysics Olympiad	2007
REFERNECES	<b>Dr. Tom Stafford</b> , Professor, Department of Psychology, University of Sheffield, UK.	
	<b>Contact:</b> <a href="mailto:t.stafford@sheffield.ac.uk">t.stafford@sheffield.ac.uk</a>	
	<b>Dr. Atiye Sarabi-Jamab</b> , Post-Doctoral Associate, School of Cognitive Sciences, Institute for Research in Fundamental Sciences (IPM), Tehran, Iran.	
	<b>Contact:</b> <a href="mailto:a.sarabi@ipm.ir">a.sarabi@ipm.ir</a>	
	<b>Dr. Ulrich von Hecker</b> , Reader, School of Psychology, Cardiff University, UK.	
	<b>Contact:</b> <a href="mailto:vonheckeru@cardiff.ac.uk">vonheckeru@cardiff.ac.uk</a>	