Zahra Arjmandi Lari

z.arjmandi@gmail.com
linkedin.com/in/zahraarjmandi/
github.com/zahra-arjm

EDUCATION	**M.A. Psychology**, Shahid Bahonar University of Kerman, Kerman, Iran	2016
	B.S. Physics, Sharif University of Technology, Tehran, Iran	2013

RESEARCH EXPERIENCE

Research Assistant, Department of Psychology, University of Sheffield, UK — Nov.2022-Apr.2023
Supervised by Dr. Tom Stafford
- Implementing network visualization of Wikipedia authors' discussions.
- Data Analysis for the project "Opening up minds: Engaging dialogue generated from argument maps"
- Generating artificial data for a data science challenge for Social Data Science students.

Volunteer Research Assistant, 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"
- Developing experimental design
- Data analysis and computational modeling
- Preparing reports

TEACHING EXPERIENCE

Teaching Assistant
- Computational Neuroscience Summer School, Neuromatch Academy — July 2023
- Computational Modeling, University of Tehran — Fall 2020
- Computational Psychiatry, Iran University of Medical Sciences — Fall 2020

COMPETENCES

Languages Farsi (*native*), English (*fluent*, IELTS 7.5)

Techniques
Python: numpy, pandas, matplotlib, seaborn ★★★★★
Statistics ★★★★☆
Git/GitHub ★★★★☆

PROFESSIONAL DEVELOPMENT

Collaborative Scientific Software Development and Management of Open Source Scientific Packages Workshop, ICTP, Triest, Itay	Dec. 2022
Deep Learning Summer School, Neuromatch Academy	Aug. 2021
Hands-on Statistics with R Workshop, IPM, Tehran, Iran	Mar. 2017
MOOC IBM Data Science Professional Certificate, IBM, Coursera	Sept. 2022
MOOC Data Visualization with Python, IBM, Coursera	May 2022
MOOC Bayesian Statistics, University of California, Santa Cruz, Coursera	Oct. 2019
MOOC Machine Learning, 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. *Journal of Cognitive Psychology*, 1-14. https://doi.org/10.1080/20445911.2021.1978472

COMMUNITY SERVICES

Progress Monitoring at Karyar College — 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.
- Monitoring students' progress based on the reports from their mentors and TAs
- Improving report process by making it more structured and quantitative
- Helped in applying data-driven decision-making

| HONORS AND AWARDS | Member of Iranian Elite Institute | 2008–2016 |
| | Gold medal in Iranian student Astronomy and Astrophysics Olympiad | 2007 |

REFERENCES

Dr. Tom Stafford, Professor, Department of Psychology, University of Sheffield, UK.
Contact: t.stafford@sheffield.ac.uk

Dr. Atiye Sarabi-Jamab, Post-Doctoral Associate, School of Cognitive Sciences, Institute for Research in Fundamental Sciences (IPM), Tehran, Iran.
Contact: a.sarabi@ipm.ir

Dr. Ulrich von Hecker, Reader, School of Psychology, Cardiff University, UK.
Contact: vonheckeru@cardiff.ac.uk