Afon (Mohammad) Khari

The Hague, NL • afonkhari@gmail.com • https://afonkhari.github.io/

Detail-oriented researcher with a strong background in **Brain** and **Cognitive Sciences**, **Philosophy**, **Education**, and **Language**. I bring a unique blend of academic expertise and practical teaching experience.

EDUCATION

MSc – Brain and Cognitive Sciences, University of Amsterdam, Amsterdam, NL   Sep. 2023-Aug. 2025
- Specialization: **Cognitive Science**
- Coursework: *Computational Cognitive Neuroscience, Higher Cognitive Functions, Attentional Control and Decision Making, Philosophy of Cognition, Digital Twinning, Complexity Science*
- Research Intern at the Music Cognition Group (**MCG**), Institute for Logic, Language, and Computation (**ILLC**), **Donders Institute,** and **Radboud University** Medical Center, Developmental Neuroscience (**Lifespan Cognitive Dynamics lab**)
- Panel Coordinator at the European Student Assembly (**ESA**)
- Writing Team Leader and Proofreader for the **ABC Journal**

MA – Philosophy of Art, Art University, Tehran, IR   Sep. 2009-Aug. 2012
- TA - English for Academic Purposes (**EAP**)

BA – English Language and Literature, Guilan University, Rasht, IR   Sep. 2003-Jun. 2008

RESEARCH EXPERIENCE

Jan. 2024 – Aug. 2024

Research Intern, Music Cognition Group, ILLC, University of Amsterdam, Amsterdam, NL
Focused on perceptual transformation of speech and music in tonal language users; dataset curation and design

Feb. 2025 – Aug. 2025

Research Intern, Lifespan Cognitive Dynamics Lab, Donders Institute for Brain, Cognition, and Behavior, Nijmegen, NL
Studied behavioral and neural data in **cognitive strategy shaping**; Used Dynamic Structural Equation Modeling (**DSEM**) to assess   the impact of environmental noise on fluid intelligence task performance

Sep. 2012 – Aug. 2017

Research Assistant, Art University, Tehran, IR

Conducted interdisciplinary research linking cognitive science and artistic inquiry on perception and creativity; Assisted in curriculum design and taught English for Academic Purposes (EAP) and Research Methods; Completed advanced doctoral coursework in art research and cognitive studies.

EMPLOYMENT

Editor – Mind Brain Ed Think Tanks, Japan   Jan. 2021-Present
- Content and language editor for a monthly **Neuroscience and Teaching** journal published by the JALT Mind, Brain, and Education SIG
- Collaboration with international academics to ensure high publication standards

Lecturer and Project Manager – Özyeğin University, Istanbul, TR   Aug. 2018-Aug. 2023
- Taught English in preparatory and undergraduate programs; led professional development for students and staff
- Led tech integration as **TLDU** Specialist and co-designed a critical thinking project on *Human Rights*

EFL and EAP Teacher – Various Institutions, IR and TR   Sep. 2008-Aug. 2018
- Delivered **IELTS** and **ESP** courses for diverse learners; developed tests, curriculum, and assessments; taught online with detailed feedback

Lecturer – Semnan University and Rasam University, IR   Sep. 2013-Aug. 2016
- *Research Methods* and *Philosophy* courses for MA students
- *English for Academic Purposes* (**EAP**) courses for BA students

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SKILLS

- R and Python (Data Science & Computational Modeling)
- Academic Research Skills and Data Analysis
- Content and Language Editing
- Publication and Presentation
- Time Management and Teamwork
- Interpersonal Skills
- Attention to Detail
- Critical Thinking and Problem Solving
- Conflict Resolution and Adaptability
- Ethical Considerations
- Multicultural Collaboration
- Public Speaking

LANGUAGES

- English – Fluent
- Persian (Farsi) – Native Speaker
- Turkish – Good
- Dutch – Beginner

CERTIFICATES

Neuroscience and Neuroimaging (fMRI) – Johns Hopkins University   Oct. 2025

MRI Fundamentals – Korea Advanced Institute of Science and Technology (KAIST)   Aug. 2025

Learn Python 2 – codecademy   Jun. 2024

Machine Learning: Introduction with Regression – codecademy   Jun. 2024

Machine Learning: Perceptrons – codecademy   Jun. 2024

Linear Algebra – codecademy   Jun. 2024

Philosophy of Science – University of Pennsylvania   May. 2024

Consciousness and the Mind – Independent study   Apr. 2023

Python Programming for Data Science – University of Helsinki   Mar. 2023

Elements of AI – University of Helsinki   Jan. 2023

Fundamentals of Neuroscience – Harvard University   May. 2022

Fostering Student Motivation and Engagement – University of Oregon   Apr. 2020

Certificate in English Language Teaching to Adults (CELTA) – Cambridge English   Nov. 2017

PUBLICATIONS AND TALKS

- Khari, M. (in press). *Beyond the algorithm: educational justice for plurilingual students in AI-assisted classrooms*. In *Language education and human rights in democratic educational settings*
- Khari, M. (2025, October). *Clickbait Neuroscience: Lessons from "Your Brain on ChatGPT"*. Mind Brain Ed Think Tank+ of JALT.
- Khari, M. (2025, June). *Simulating Strife: Computational Models of Human Conflict*. ABC Journal of Amsterdam Brain and Cognition.
- Khari, M. and Daley, J. (2025, May). *The Four Pillars of Learning: A Teacher's Guide to Cognitive Success.* Mind Brain Ed Think Tank+ of JALT.
- Khari, M. (2024, June). *Spirituality and Cyberspace: The Role of VR in Inducing Spiritual Experiences*. ABC Journal of Amsterdam Brain and Cognition.
- Khari, M. (2024, July). *What We Missed and Why?* Mind Brain Ed Think Tank+ of JALT.
- Khari, M. (2024, February). *The Reading Brain*. Mind Brain Ed Think Tank+ of JALT.
- Khari, M. (2024, January). *Hearts and Minds*. Mind Brain Ed Think Tank+ of JALT.
- Khari, M. (2023, May). *X = Y*. Mind Brain Ed Think Tank+ of JALT.
- Khari, M. (2023, March). *ChatGPT: The Double-Edged Sword of AI Language Models*. Mind Brain Ed Think Tank+ of JALT.
- Khari, M. (2023, January). *Fostering the Prosocial Neural Network Through Gratitude*. Mind Brain Ed Think Tank+ of JALT.

- Khari, M. (2022, October). Validating Emotions: Towards Fostering Teachers' Affective Autonomy and Well-being [Webinar]. EAQUALS online.
- Khari, M. (2022, October). "Embracing the Uncertainty: Fostering Creativity and Responsibility Through Storytelling in Rhizomatic Model of Learning." Paper presented at the Third International Conference Why Still Education, Edulab, Institute for Philosophy and Social Theory, University of Belgrade, Serbia.
- Khari, M. (2022, October 1). Pigasus or Superswine: Body as a Mirroring Tool. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Kretschmer, H., Kelly, C., & Khari, M. (2022). The 3 Ks Explore Listening and the Brain. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002, August 1, 2022.
- Khari, M. (2022, June 1). 'We're All in This Together'. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M. (2022, July). 'The Celestial Openness' [Webinar]. Japan Association for Language Teaching (JALT).
- Khari, M. (2022, May 1). The Celestial Openness. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M. (2022, January 1). Where the Comfort Zone Ends. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M., & Kelly, C. (2021, December 1). Neuroscience shows us drama is an effective language teaching tool. Mind Brain Ed Think Tank+ of JALT.
- Khari, M. (2021, Dec. 1). Let's 'Make a Drama out of it' this Time! Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M. (2021, Oct. 1). The Kernel of Teaching: Human Connection. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M. (2021, Oct. 1). The Magic of Care and Confidence. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M. (2021, Sept. 1). Let the Brain Lead the Way! Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M. (2021, July 1). An Earnest Investment. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M. (2021, April 1). The Power of Storytelling. Mind Brain Ed Think Tank+ of JALT, ISSN 2434-1002.
- Khari, M., & Kelly, C. (2021, Oct.). Neuroscience of Stories [Webinar]. İMBAT AKADEMİ.
- Khari, M. (2021, May). Cultural Context - Putting the Genie of Bias Back in the Bottle [Webinar]. Japan Association for Language Teaching (JALT).
- Khari, M. (2021, Oct.). How to be an Effective Online Learner [Webinar]. Özyeğin University.
- Khari, M. (2021, Feb.). Links to Strength [Webinar]. Özyeğin University.
- Khari, M. (2021, Feb.). Psychology and Pedagogy [Webinar]. Özyeğin University.
- Khari, M. (2021, Feb.). FSME [Webinar]. Özyeğin University.
- Khari, M. (2021, Feb.). Enabling Learners' Autonomy [Webinar]. Özyeğin University.
- Khari, M. (2021, Jan.). Neuroscience and Pedagogy I [Webinar]. Özyeğin University.
- Khari, M. (2021, Jan.). Neuroscience and Pedagogy II [Webinar]. Özyeğin University.

HOBBIES

- Hiking
- Reading
- Learning new languages
- Volunteering
- Cooking
- Listening to music

REFERENCES

Prof. Dr. Rogier Kievit – Developmental Neuroscience, Faculty of Medical Sciences (Radboudumc), Nijmegen, NL
rogier.kievit@radboudumc.nl

Jessica Schaaf, PhD – Donders Institute for Brain, Cognition, and Behavior, Nijmegen, NL
jessica.schaaf@radboudumc.nl

Makiko Sadakata, PhD – University of Amsterdam, Amsterdam, NL
M.Sadakata@uva.nl

Curtis Kelly, EdD – Kansai University (emeritus), Portland, OR, US
ctskelly@gmail.com