

Summary

- Head of research department in Brain & Cognition center, neuropsychologist and therapist in the field of cognitive science and cognitive rehabilitation with 6 years of working experience on cognitive dysfunctions in one of the most comprehensive brain laboratories in Iran (Brain&Cognition Lab) with a published article in the field of cognitive rehabilitation in OCD disorder and member of the research team of the international Finger project in the field of dementia. Author of the [first Iranian cognitive workbook](#) for the elderly which is being used in WWFINGERS project.
- Product manager in the field of cognitive science and interested in turning scientific findings in the field of cognitive science into neurotechnology products. Co-founder and product manager of 5 cognitive startups and a startup accelerator in the field of cognitive science. Designer of cognitive mobile games for dementia and neurodevelopmental disorders and designer of the first online cognitive evaluation and rehabilitation platform in Iran. Scientific designer of cognitive games in virtual reality for rehabilitation.
- Lecturer of cognitive rehabilitation course and internship for students of Cognitive Sciences Research Institute and training on the use of software as an assistive technology in cognitive rehabilitation with more than 120 hours of teaching and holding 24 workshops.

Education

M.Sc. in Cognitive Science (Cognitive Rehabilitation), Shahid Beheshti University, Tehran, Iran 2017 - 2020

Thesis title: The effect of binaural beats and isochronic tones on working memory and focused attention of university students in Tehran. GPA: 4/4 , 19.25/20

B.Sc. in Electrical Engineering, Guilan University, Guilan, Iran 2010 - 2015

Research Interests

- Cognitive Assessments & Rehabilitation
- Cognitive games
- Cognitive Neuroscience
- Dementia, Stroke & TBI
- Neurotechnologies
- Virtual Reality

Publication

Book (Author)

[Cognitive workbook for the elderly](#)

Journal Papers (Author)

[Cognitive Rehabilitation for Improving Cognitive Functions and Reducing the Severity of Symptoms in adult Patients with Obsessive-Compulsive Disorder: A Systematic Review of Randomized Controlled Clinical Trials. *Basic and Clinical Neuroscience.*](#)

Work Experience

Cognitive Assessment, Brain Mapping and Stimulation, Cognitive Rehabilitation Specialist and Supervisor 2017 - present

[Brain and Cognition Clinic and Lab, Tehran, Iran](#)

- Examiner and Interpreter of Cognitive Assessments (CANTAB Software, Vienna Test, IVA2, RehaCom, Wechsler Memory Scale, RBMT-3 Rivermead Behavioural Memory Test, Wechsler Intelligence Scale, Moca, Addenbrooke's Cognitive Examination, Wisconsin Card Sorting ...).
- EEG, tDCS, rTMS Expert (Operating for Research Purposes)
- Supervisor of Rehabilitation Group and Cognitive Rehabilitation Therapist (Up to 1200 Cognitive Rehabilitation Sessions for various dysfunctions such as stroke, MCI, Dementia, TBI, Neurodevelopmental problem, Dysfunctions

after brain surgery) and Cognitive enhancement services for sport and education using Rehacom and Captain's log Rehabilitation software and Virtual reality.

- Head of the brain and cognition clinic research group and research consultant in the field of cognitive science research.

Co-founder of Cognotech, a cognitive Startup accelerator and manager of the planning department for startups and mentorship in the field of cognitive science products. 2019 - 2022

[Cognotech \(The first Iranian startup accelerator in the field of Neurotechnology and Cognitive Science\)](#)

- Manager of scientific evaluation of startups in the field of cognitive science.
- Ideation in the field of designing cognitive startups.
- Mentorship in the field of cognitive science and neurotechnology for startups (training sessions for startup teams in the field of designing cognitive assessments, tasks, training, games and the basics of brain science).
- The organizer of startup events to attract new ideas in the field of neurotechnology.

Co-founder and Product manager of 5 Cognitive startups 2020- 2023

[Synapse](#) (educational startup in the field of neuroscience and brain, organizer of specialized cognitive science courses, organizer of the international Brain Bee competition and international brain awareness week event, cognitive science magazine)

- Co-founder and product manager of website and The editor of the authors of scientific articles.
- Teacher in Synapse Courses.
- Conductor and designer of student Neuroscience Olympiad questions in Iran (international Brain Bee competition).
- Director of content production in the international Brain Awareness Week, which is held every year to increase people's awareness about the brain.

[Cortex](#) (A cognitive startup in the field of human resources that evaluates job holders online in cognitive functions and provides them cognitive exercises with the help of artificial intelligence.)

- CEO and Designer of 9 cognitive tests and 12 cognitive training with unlimited levels.
- Statistical analyst.

[ChelCheli](#) (The first mobile competitive cognitive game to strengthen the memory of the elderly with a scientific cognitive approach in the Persian language – 6000 active users)

- Co-founder and product manager of cognitive games, levels, and training part.

[Neurokid](#) (The first comprehensive mobile application in the field of autism, including cognitive games for autistic children and autism online assessment and screening – 1000 active users)

- Co-founder and Cognitive game designer and Member of the scientific team.

[VR Cognitive Games](#) (Cognitive rehabilitation games and assessments based on visual and motor training)

- Member of the scientific team in designing brain games on virtual reality for cognitive training and assessments.

Assistant teacher in cognitive rehabilitation course for psychiatry residents of Iran University of Medical Science 2021 - 2023

Iran University of Medical Sciences, Tehran, Iran

- Teaching the basics of rehabilitation with the cognitive approach to psychiatric diseases and teaching the software available in cognitive rehabilitation for 10 hours in each semester.

Invited teacher for the internship course in the field of cognitive rehabilitation for students of Tehran Cognitive Sciences Research Institute 2021 – 2023

Institute of Cognitive Science, Tehran, Iran

- Teaching the basics of cognitive rehabilitation, evaluating cognitive impairments, familiarizing with cognitive disorders caused by brain injuries, teaching the principles and rules of the brain clinic, and managing the treatment session.

Member of the executive and scientific team of the International Congress of Cognitive Science, Cognitive Rehabilitation Symposium and the International Addiction Congress 2017 - 2023

Institute of Cognitive Science, Tehran, Iran

- Coordinator, congress planning manager, and designer of congress websites to receive articles.

Award ,Honors, And Achievements

- **Chelcheli** : The best serious game of 2021 selected by the National National Board of Hia Computer Games of Iran, the winner of the Chakh scientific award in 2021 , the best game design selected by the University of Tehran, the first place in the startup competition for the elderly, the game selected by Tehran Municipality to hold the memory league in Tehran.
- **Cortex**: The top startup in the startup competition with the topic of the best idea to improve human resources.
- Designer and author of the first Iranian “Cognitive workbook for the elderly”.
- Author of scientific articles for the public in the scientific journal of brain and cognition.
- Designer of a device to strengthen cognitive motor skills in fencers.
- The founder of the scientific lecture competition in the field of the brain in Iran.
- Participation in the International School of Cognitive Rehabilitation and brain Stimulation in cooperation with top American universities.
- Invited speaker:
 - The Congress of Neuroscience with the topic of "Usages of new technologies in cognitive rehabilitation".
 - the Congress of Neuroscience with the topic of "The Future of Neurotechnology".
 - the National Brain Mapping Laboratory event with the topic "How to get from an idea to a product in cognitive science?".
 - the Iran University of Medical Sciences and Research Institute of Cognitive Sciences event with the topic "Technology trends in cognitive sciences".
 - Invited speaker with the cooperation of Rehacom International Company in the teaching of the Rehacom cognitive rehabilitation software.
 - Invited speaker with the topic of “Cognitive rehabilitation in Autism”
 - Invited speaker with the topic of “Cognitive enhancement in students”
 - Invited speaker with the topic of “Virtual reality and cognitive rehabilitation”

Technical & Research Experience

- Member of the research team of The World Wide FINGERS (WW-FINGERS) project, which is being implemented on the elderly in Iran.
- Conducting a research project on the effect of cognitive mobile games on the cognitive functions of the elderly.
- Member of the research team of a project on the effect of cognitive rehabilitation on cognitive functions in schizophrenia.
- Member of the systematic review study team on the effect of cognitive interventions on obsessive-compulsive disorder.
- Manager of the project of cognitive enhancement of human resources of Iran's universities of medical sciences and research institute of cognitive sciences.

English Tests

IELTS (Academic): I have been learning English since I was a child and I am preparing for the IELTS in the next two months.

Skills

- Python
- Spss
- Microsoft Office
- WordPress (Web Design)
- Photoshop
- Cognitive Assessment Software (CANTAB, Vienna, IVA2, ...)
- Cognitive Rehabilitation Software (Rehacom, Captain's Log)
- EEG, tDCS, rTMS
- Statistics

Hobbies

Mountaineering, Nature, Board Games, Cinema, Art History, Literature and Poetry, Cooking and Volunteer Work.