

Haniyeh Ahmadi

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🌐 haniyeh-ahmadi-segazi

🏠 IPM Profile

Education

- 2019 – 2022  **M.Sc. Cognitive Science- Cognitive Rehabilitation, University of Tehran.**
cGPA: 3.7/4
Thesis title: *Comparison of the effectiveness of transcranial magnetic stimulation (TMS) therapy with and without cognitive rehabilitation (CRT) in patients with bipolar disorder.*
Supervisor: Dr. Reza Rostami
- 2014 – 2018  **B.Sc. Clinical Psychology, University of Tehran**
cGPA: 3.9/4
Project: *Changing memory and its executive functions in the transition from adulthood to old age. .*

Professional Experiences

- 11/2023 – Present  **Psychologist. (part-time)**
Shahriar residential mental health treatment center
Cognitive rehabilitation to improve the cognitive performance of patients
- 4/2024 – Present  **Research Assistant (part-time)**
IPM Institute for Research in Fundamental Sciences.
Research assistant in the research "Investigating the effects of the 40 Hz tACS protocol via anterior-posterior vs. bihemispheric prefrontal montages in healthy elderly"
- 02/2022 – Present  **Manager of assessment & rehabilitation Department.**
Aging and Rehabilitation Department of Atieh Clinical Neuroscience Center.
Developing and implementing treatment protocols like rTMS, tDCS, and cognitive training to improve neurological conditions using QEEG and psychometric tests as the director of Aging & Rehabilitation department. Plus, I work as a therapist using rTMS and tDCS devices.
- 09/2019 – 02/2022  **Executive manager.**
Brain mapping laboratory of Atieh Clinical Neuroscience Center.
Reviewing reports, Troubleshooting devices, Setting up equipment, Training signal recording trainees & Collaborating with the R&D team for EEG cap production as the director.
- 01/2022 – 03/2022  **Supervisor and analyst in the “driver drowsiness detection” project. (part-time)**
frequency Group, Bonda Innovation Center.
Recording & Pre-processing EEG signals from 50 drivers in Nasir driving simulator using wearable sensors to develop a real-time driver drowsiness detection system.
- 06/2021 – 06/2022  **EEG/ERP analyst and clinical interpreter.**
Brain mapping laboratory of Atieh Clinical Neuroscience Center.
Using Neuroguide and HBimed for up-to-date analysis and treatment suggestions. Reviewing clients' files periodically to ensure effective control of their conditions.
- 05/2019 – 06/2022  **EEG/ERP technician. (part-time)**
Brain mapping laboratory of Atieh Clinical Neuroscience Center.
Recording and analyzing EEG signals of at least 6 clients per day.

Skills

Computer Skills	Microsoft Office, SPSS, MATLAB, R, Mendeley, EndNote,
Languages	Persian (Native), English (Intermediate*), Turkish (Intermediate).
EEG Recording & Processing Tools	WinEEG, EEG Studio, EEGLAB, ERPLAB, Neuroguide.
Psychometric Apps & Surveys	Cantab, RehaCom, The Integrated Visual and Auditory (IVA) test.
Treatment Hardwares.	tDCS & tACS: NeuroStim, Neurocann, Chataganda. TMS: MagVenture (MagPro X100 and R30). EEG Amps & Headsets: NeuroAmp II, Muse, Neurocann, Mitsar.