

# Mahnaz Mousavinezhad

Email: smousavinezh@uni-osnabrueck.de

## RESEARCH INTERESTS

---

*Learning*

*Decision-Making*

*Emotions*

*Perception*

*Social cognition*

## EDUCATION

---

**Master of Science, Department of Cognitive Science**

*Oct 2024 – [2026]*

*osnabrück university, osnabrück, Germany*

**Master of Science, Department of Cognitive Psychology**

*Sep 2019 – July 2023*

*Institute For Cognitive Science Studies, Tehran, Iran*

GPA: 18.46/20

**Bachelors Of Science, Department of Psychology**

*Sep 2015 – June 2019*

*Bahar University, Mashhad, Iran*

GPA: 17.36/20

## RESEARCH EXPERIENCE

---

**Institute For Cognitive Science Studies, Tehran, Iran.**

*Master Thesis – 2023*

***“ The effect of impact uncertainty and outcome uncertainty on decision making in moral dilemmas”.***

- Examine people's decision-making in moral dilemmas while considering impact and outcome uncertainty conditions.
- 300 participants answered the scenarios in six groups.
- The research design was semi-experimental and involved comparing between groups. The chi-square test is used in the analysis.
- The results show that individuals within the impact uncertainty and outcome uncertainty groups exhibit behaviors similar to conditions of certainty.
- Results of the statistical analysis showed that Most people act deontologically in the conditions of impact uncertainty and outcome uncertainty in personal moral dilemmas.

**.Neuromatch Academy, Online.**

*Computational Neuroscience course – 2021*

- Performed comprehensive analysis of EEG data.
- Focused on human brain activity during visual tasks.
- The results were in perfect agreement with the original paper's results.

**Bahar University, Mashhad, Iran.**

*Bachelor Thesis – 2019*

***“ Comparing the motivation of academic progress of psychology and sociology students of Ferdowsi University in the academic year of 2019”.***

- The statistical scope of this research includes 50 students of Ferdowsi University in the academic year of 2019.
- The findings showed a significant difference between the field of study and motivation for academic progress when comparing psychology and sociology students.
- Interest is compounded by motivation and curiosity, and a person who is motivated to achieve more knowledge and success will insist on and practice more.
- Therefore, students' interest in their field of study is one of the important factors in the progress of educational programs and ultimately their future efficiency and responsibility.

**Bahar University, Mashhad, Iran.**

*Research Assistant – 2017*

***“ The determining role of parents' warmth in student's loneliness”.***

- 70 students of Ferdowsi University of Mashhad in the academic year of 2017 were selected by convenience sampling and completed the Parental Perceptions Scale and the Loneliness Questionnaire.
- Data analysis was performed by stepwise multivariate regression method.
- The results showed that only maternal warmth can predict loneliness in students.
- Other results showed that there is no significant relationship between age and other research variables.
- However, in terms of living in the dormitory, there is a significant difference in the perception of maternal warmth with a positive correlation with a feeling of loneliness.

## **PUBLICATION**

---

***Mousavinezhad M., Khosh Akhlagh Z., and Tanhaye Roshvanlu F. The determining role of parents' warmth in students' feelings of loneliness. The first national conference of applied research in science and engineering, Mashhad, Iran. (2017).***

## **WORK EXPERIENCE**

---

- **Atieh Neuroscience Lab**

Jan 2022–Jan 2023

***Quantitative Electroencephalogram (QEEG) technician***

*Contacted patients, scheduled testing, explained the procedure to patients and scanned EEG for them, reported to physicians, typed reports, and archiving tests.*

## **PROGRAMMING SKILLS**

---

- **Python**
- **SPSS**
- **Microsoft Office**

## CERTIFICATES

---

- *Fundamental of Cognitive Neuroscience, Hamed Ekhtiari, laureate Institute For Brain Research, USA. December, 2020.*
- *Python programming, Ati Pazhoresh Amirkabir Company. April to October, 2022.*
- *EEG Signal Recording and Signal Processing Workshop by National Brain Mapping Laboratory(NBML). August, 2022.*
- *MATLAB programming Fundamental, workshop by NNp Academy. winter, 2021.*
- *Neuro cognitive Bias in Developmental Disorders, Dr Alireza moradi, Dr mehdi Tehrani Dust. Autumn, 2021.*
- *Completed interactive track and the course project by Neuromatch Academy, Megan, Peters, and Kathryn Bonnen. July, 2021.*
- *Cognition: new frontiers for understanding the mind, ANT Neuro. April, 2020.*
- *Math1, Islamic Azad University of Tehran, Dr. Alireza Neysi. summer, 2022.*
- *Decision Neuroscience, University of Tehran, Dr, Mohammadreza A. Dehqani, September 2022.*
- *Hypnosis, Iranian Hypnosis Association, Dr. Fathi. Spring, 2018.*
- *Shenakht Center, Computational Modeling 3 months Workshop, 2019.*

## EXTRACURRICULAR ACTIVITIES

---

- **Gymnastics**

*Professional Gymnastics Coach, Won over 30 medals in different events in the state, Ranked 4<sup>th</sup> in the National Gymnastics Competition for vault individual Performance and 4<sup>th</sup> for team performance.*

- **Music**

*Playing Classical piano for 10 years.*

- **Language**

*English, Persian.*

## REFERENCES

---

Available via request.