

# Elaheh Akbari

Ph.D. candidate in Computational Cognitive Neuroscience

---

## Contact

elahakbri@gmail.com

**Skype:** live:elahakbri

[Linkedin](#)

[Website](#)

Interested in vision in both humans and machines, with a particular focus on face perception. Specifically, I am curious about the computational principles that drive our visual perception. To explore this, I use artificial neural networks as a testbed for studying the mechanisms underlying human perception.

---

## Technical Skills

- MATLAB
  - Python (PyTorch, Matplotlib)
  - MRI data analysis (SPM, CAT12)
  - Unity Game Engine
  - Psychtoolbox
  - Microsoft Office/LaTeX
- 

## Personal Characteristics

- Organized
- Team-oriented
- Autonomous
- Highly motivated

## Academic Highlights

**Justus Liebig University Gießen, Germany**

Ph.D. Candidate Computational Cognitive Neuroscience | 2023-present

**Ecole Normale Supérieure, Paris, France**

Internship - Computational Neuroscience | 2022

**Sapienza University, Rome, Italy**

M.Sc. Cognitive Neuroscience | 2019-2021

**Amirkabir University of Technology (Polytechnic of Tehran), Tehran, Iran**

B.Sc. Chemical Engineering | 2008-2014

**National Organization for Development of Exceptional Talents High School, Tehran, Iran**

Mathematics and Physics | 2004-2008

---

## Research Interests

- Perception and Memory
  - Machine Learning Applications in Neuroscience
  - Computational Psychiatry
- 

## Trainings and Experiences

**Justus Liebig University Giessen | Large Language Models in Brain Research**

Organizer | 2025

**Conference of Experimental Psychologists (TeaP) | Goethe University Frankfurt**

Teacher assistant in "Deep learning in psychology" workshop | 2025

**Justus Liebig University Giessen | Bayesian Modeling**

Participant | 2024

## Languages

**English:** Advanced

**French:** Upper Intermediate

**German:** Intermediate

**Farsi:** Native

**Justus Liebig University Giessen | Grant Application Writing workshop**

Participant | 2023

**Barcelona Summer School For Advanced Modeling of Behavior**

Participant | 2023

**University of Genova | Machine Learning Crash Course**

Participant | 2022

**Neuromatch Academy**

Student at Computational Neuroscience Course | 2020

Student at Deep Learning Course | 2022

Teacher assistant | 2021

**Knowing Neuron**

Guest Contributor| 2021