

# Mohammadhosein Shakiba

**researcher at int-n.info**

Mashhad

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I'm a third-year undergrad, majoring in cell and molecular biology. I'm passionate about neuroscience and spend my free time doing research data analysis. I'm also honing my skills in computer science, and statistics for scientific and analytical projects.

## Work Experience

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### **Student Researcher**

Ferdowsi University of Mashhad - Mashhad

2023 to Present

- Conduct research data analysis
- Lead and collaborate with a team of fellow researchers

### **English Teacher**

Safir Language Academy - Tehrān

2022 to 2023

- Taught English to 100+ individuals of all ages using the ESA method
- Developed course materials, schedules, and quizzes
- Completed a Teacher Training course and earned a certificate

### **Student Intern**

Molecular lab., Institut Pasteur - Tehrān

2022 to 2022

- Completed a 120-hour on-site program and earned a certificate
- Formulated custom buffers for extraction protocols
- Activities included DNA extraction, RNA extraction, and PCR procedures

## Education

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### **Bachelor of Science in Cell Biology**

Ferdowsi University of Mashhad - Mashhad

2021 to 2025

### **MicroMaster in Data Science**

Sharif University of Technology - Tehrān

2023 to 2024

### **High School Diploma**

NODET (SAMPAD) - Tehrān

2018 to 2021

## Skills

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- Python
- R
- Git
- Math
- Statistics
- SQL
- Machine learning

## Languages

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- Persian - Fluent
- English - Fluent

## Certifications and Licenses

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### **‘CS50x’ (Harvard University)**

Introduction to the intellectual enterprises of computer science and the art of programming.

«<https://cs50.harvard.edu/certificates/2fec4b3b-b324-4c23-9b5c-7632bbd40fbe>»

### **‘CS50P’ (Harvard University)**

Introduction to Programming with Python.

«<https://cs50.harvard.edu/certificates/30c89e28-bb58-46a6-a4d1-ac180ff48c29>»

### **‘Cancer Biology’ (Johns Hopkins University)**

Introduction to the molecular biology of cancer (oncogenes and tumor suppressor genes) as well as the biologic hallmarks of cancer.

«<https://www.coursera.org/account/accomplishments/specialization/certificate/DM3KFBDJXRJT>»

### **‘Data Analysis with R’ (Duke University)**

Statistical mastery of data analysis including basic data visualization, statistical testing and inference, and linear modeling.

«<https://www.coursera.org/account/accomplishments/specialization/certificate/BY4U3Y95N9PZ>»

## Publications

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### **ORCID**

<https://orcid.org/0009-0003-4404-7759>

### **GitHub**

<https://github.com/abikahs>

## Additional Information

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- Other Certifications:

'Introduction to Genetics and Evolution' (Duke University)

«<https://www.coursera.org/account/accomplishments/certificate/EK75PXFAQ6S7>»

'Introduction to Psychology' (Yale University)

«<https://www.coursera.org/account/accomplishments/certificate/336GDCV52Q53>»

'Introduction to Neurobiology' (The University of Chicago)

«<https://www.coursera.org/account/accomplishments/certificate/SPXWHULGWVWD>»

'Python for Everybody' (University of Michigan)

«<https://www.coursera.org/account/accomplishments/specialization/certificate/WXNY86THJXNM>»

- Events:

CS50x Puzzle Day 2023

«<https://cs50.harvard.edu/certificates/5d50a728-8586-4863-b612-a182c5a7c61a>»

Ready Player 50

«<https://cs50.harvard.edu/certificates/b5b6bf29-0bab-465a-91c7-29a0a40982e2>»