

# 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 synthesis and meta-analysis. I'm also honing my skills in computer science, and statistics for scientific and analytical projects.

## Work Experience

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### Researcher

int-n.info

2023 to Present

- Conduct research synthesis and meta-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
- Gained hands-on experience in key laboratory techniques

## Education

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### Bachelor of Science in Cell Biology

Ferdowsi University of Mashhad - Mashhad

2021 to Present

### High School Diploma

National Organization for Development of Exceptional Talents (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>

### **Data Science (Sharif University of Technology)**

MicroMasters Program

- Python Programming
- Mathematics for AI & Data Science
- Programming for Data Analysis
- Principles and Techniques in Data Science
- Big Data Processing and Analysis
- Machine Learning

## Publications

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### **ORCID**

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

### **GitHub**

<https://github.com/abikahts>

## 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>