

Mohammadhosein Shakiba

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Mashhad

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I'm a third-year undergrad at Ferdowsi University of Mashhad, majoring in Cell and Molecular Biology. I'm passionate about neuroscience research and spend my free time doing research synthesis and meta-analysis. I'm also honing my skills in computer science, machine learning, deep learning, and data analysis for scientific and analytical projects.

Work Experience

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
- Organized free discussion sessions for students
- Completed a 2-month Teacher Training course and earned a certificate

Student Intern

Molecular lab., Institut Pasteur, - Tehrān

2022 to 2022

- Completed a 120-hour on-site program at Pasteur Institute of Iran 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

MicroMasters in Data Science

Sharif University of Technology - Tehrān

2023 to Present

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

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

Languages

- Persian - Fluent
- English - Fluent

Certifications and Licenses

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

ORCID

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

GitHub

<https://github.com/abikahs>

Additional Information

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>