

Mohammadhosein Shakiba

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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

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

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

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

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>»

‘CS50AI’ (Harvard University)

Introduction to Artificial Intelligence with Python.

«<https://cs50.harvard.edu/certificates/2a169189-71f0-4ccf-b3bc-534b4edcd06d>»

‘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>»

‘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>»

Publications

ORCID

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

GitHub

<https://github.com/abikahs>

Additional Information

- Other Certifications:

'Introduction to Databases with SQL' (Harvard University)

«<https://cs50.harvard.edu/certificates/aa341626-f0b2-47a3-9974-eb66ef304e3b>»

'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>»