

Mo Shakiba

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EDUCATION

Ferdowsi University of Mashhad

B.Sc. in Cell and Molecular Biology; 3.78/4.00

Sep 2021 – Jun 2025

NODET High School

Diploma in Science; 4.00/4.00

Sep 2018 – Jun 2021

SKILLS

Python, R, Math, DataScience, Teaching, Research, Teamwork

WORK EXPERIENCE

Safir Language Academy (Tehran)

English Language Teacher

Apr 2022 – Mar 2023

Completed a 6-week Teacher Training course.

Developed course materials, schedules, and quizzes.

Taught English to individuals of all ages using the 'Engage, Study, Activate' method.

RESEARCH EXPERIENCE

Research Institute of Biotechnology (Mashhad)

Student Researcher

Jul 2023 – Present

Authoring research papers mainly focusing on cancer.

Conducting quantitative and qualitative research data analysis.

Collaborating with a team of researchers under the supervision of Dr. Fatemeh B. Rassouli.

Pasteur Institute (Tehran)

Student Intern

Apr 2022

Completed a 120-hour on-site program.

Formulated custom buffers for extraction protocols.

Activities included DNA extraction, RNA extraction, and PCR procedures.

LANGUAGES

English (Fluent), **Persian** (Native)

PUBLICATIONS

Shakiba, M., Rassouli, F.B., Joining Up the Scattered Anticancer Knowledge on Auraptene and Umbelliprenin: A Meta-Analysis | [Scientific Reports](#)

Talebian, S., Shahnavaz, B., **Shakiba, M.**, Rassouli, F.B., Illuminating new possibilities: Effects of copper oxide nanoparticles on gastrointestinal adenocarcinomas in hypoxic condition | [Heliyon](#)

ACHIEVEMENTS

National University Admission Exam: Ranked in the top 0.3% in English Language out of 140,000 candidates.

NODET High School: Graduated as the second-highest ranked student, attaining a score of 98.6%.

AUDITS

Genetics and Evolution, Neurobiology, Psychology

CERTIFICATIONS

'CS50x' | [Harvard University](#)
'Web Programming with Python and JavaScript' | [Harvard University](#)
'Artificial Intelligence with Python' | [Harvard University](#)
'Databases with SQL' | [Harvard University](#)
'Cybersecurity' | [Harvard University](#)
'Programming with Python' | [Harvard University](#)
'Python for Everybody' | [University of Michigan](#)
'Data Analysis with R' | [Duke University](#)
'Cancer Biology' | [Johns Hopkins University](#)
'Computational Neuroscience' | [Neuromatch Academy](#)
'MicroMaster in Data Science' | Sharif University of Technology

EVENTS

[CS50x Puzzle Day 2023](#)
[Ready Player 50](#)

REFERENCES

Dr. Ali Salehzadeh-Yazdi (asalehzadehyazdi@constructor.university)

Dr. Kathryn Bonnen (kbonnen@iu.edu)

Dr. Fatemeh B. Rassouli (behnam3260@um.ac.ir)

Dr. Masoud Fereidoni (fereidoni@um.ac.ir)