Applicant's Full Name

Bachelor in Biotechnology | Email Address: ×××××××@gmail.com | Tehran, Iran | Contact Number: +98××××××××××

EDUCATION

University of ××××××, *Department of Biological Science, Tehran, Iran*
Bachelor of Science in Biotechnology   *2020.09- 2024.02*
Ranked in **the top 0.5%** of 700,000 candidates in the university entrance exam

- GPA: 18.63/20 or 4.00/4.00 (Ranked **4th out of 52** students in the 2020 Biotechnology program)

SELECTED COURSES:

- Principles of Genetic Engineering: 20/20
- Large Scale Production: 19/20
- Cell and Tissue Culture: 20/20

- Principles of Developmental Biology: 20/20
- Computer Programming and Data Structure: 19.6/20
- Structural Biochemistry: 19.88/20

RESEARCH INTEREST

- Biochemistry
- Genetic diseases

- Bioinformatics
- Molecular Biology

TEACHING EXPERIENCE

Instructor (part-time)   *2022.10- Present*
Independently supervise students of 7th-12 grade at high school in Biology, Chemistry, Math, and Physics
Develop educational materials and daily lesson plans

RELATED EXPERIENCE

Internship in Biotechnology Lab:
Assistant to a Ph.D. student in their thesis: *2023.05- 2023.07*

- Cell Culture Media Preparation
- Monitoring bacterial metabolic activity

- Creating a bacterial glycerol stock
- Utilizing freeze-drying methods

Skills:
- Cloning, DNA extraction, Spectrophotometry, Gel Electrophoresis
- Familiar with Python and IBM SPSS:
  Utilized Python to identify related Tyrosinase ligands for drug development targeting skin disorders (Employed NumPy and Pandas libraries.)

Relevant coursework:
University of Michigan, Coursera platform
- Programming for Everybody
- Python Data Structures
- Using Python to Access Web Data

University of California San Diego
- Biology Meets Programming

Nexintek Education Inc. Canada
- Programming with Python and Biopython for Bioinformatics

Relevant experience:
- currently working on a project about using different machine learning and deep learning models like mlp, SVM, decision tree, LSTM and representation neural network for analyzing the dynamic trends of COVID-19.

LANGUAGES

- English – IELTS Score (Overall: 7.5 - listening:8, Writing:7, Reading:8, Speaking:6.5)
- Persian– speak fluently and read/write with high proficiency

REFERENCES

Prof. ×××××××× ××××××××

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Dr. ×××××××× ××××××××

Assistant Professor, Department of Biotechnology, ×××××××× University

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