



Avisa Fallah

School of Mathematics, Statistics and Computer Science, University of Tehran, Tehran, Iran.

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Education

College of Mathematics, Statistics and Computer Science, University of Tehran

Tehran, Iran

B.Sc. IN COMPUTER SCIENCE (MAJOR STUDY)

Sep. 2019 - present

- CGPA: 18.34/20 via 117 units (3.7/4)
- Last year GPA: 19.42/20 (4/4)

Farzanegan High School

Tehran, Iran

HIGHSCHOOL, MATHEMATICS AND PHYSICS

Sep 2016 - Jul. 2018

- CGPA: 19.59/20

Negaresh High School

Tehran, Iran

DIPLOMA IN MATHEMATICS AND PHYSICS DISCIPLINE

Sep 2018 - Jul. 2019

- CGPA: 19.61/20

Research Interests

- Artificial Intelligence & Art
- NeuroScience
- Deep Learning
- Generative Adversarial Network (GAN)
- Image Processing
- Machine Learning
- Augmented Reality
- Virtual Reality

Relevant Courses

- Artificial Intelligence (20/20)
- Image Processing (18/20)
- General Biology (20/20)
- Linear Algebra (19.4/20)
- Database Management Systems (20/20)
- Design and Analysis of Algorithms (20/20)
- Fundamentals of Software Design (20/20)
- Fundamentals of Computer Science and Programming (20/20)
- Advanced Programming (20/20)
- Strategic Games 1 (18.5/20)
- Probability 1 (17.5/20)
- Statistical Methods (18.75/20)

Publications

Research Experience

Teaching Experience

UNIVERSITY OF TEHRAN ACM STUDENT CHAPTER

Game Development Course Mentor SUMMER OF CODE

Jul. 2022 - Oct. 2022

UNIVERSITY OF TEHRAN

Supervising Teaching Assistant DISCRETE MATHEMATICS, PROF. S. MOHAMMADI

Aug. 2023 - Present

Teaching Assistant DATABASE MANAGEMENT SYSTEM, PROF. M. GOODARZI

Aug. 2023 - Present

Teaching Assistant CALCULUS 1, PROF. GH. ROKNI LAMOUKI

Aug. 2023 - Present

Head Teaching Assistant GENERAL MATHEMATICS 2, PROF. GH. ROKNI LAMOUKI

Feb. 2023 - Aug. 2023

Teaching Assistant FUNDAMENTALS OF COMPUTER SCIENCE AND PROGRAMMING, PROF. M. GOODARZI

Feb. 2023 - Aug. 2023

Teaching Assistant DISCRETE MATHEMATICS, PROF. S. MOHAMMADI

Aug. 2022 - Aug. 2023

Teaching Assistant ADVANCED PROGRAMMING, PROF. H. SAJEDI PROF. H. SAJEDI MRS. F. HALATAEI

Aug. 2022 - Feb. 2023

Teaching Assistant LINEAR ALGEBRA, PROF. M. SARAFRAZ

Aug. 2022 - Feb. 2023

Teaching Assistant GENERAL MATHEMATICS 2, PROF. A. HOSSEINI PROF. A. HOSSEINI

Aug. 2021 - Aug. 2022

Academic Projects

Skills

Programming

Advanced: C/C++, Python
Intermediate: C#, Java, Javascript, LaTeX, Verilog
Familiar: GoLang, HTML, CSS, R

Technologies

Git, Docker, Kubernetes, Maven, Makefile

Software Engineering

Familiar with multiple design patterns.

Web Development

React, TomCat, Spring

Database

MySQL, Postgres, MongoDB, Neo4j, Redis, Elasticsearch

Operating Systems

Linux (Ubuntu), Microsoft Windows, MacOS

Interests

- Playing Volleyball
 - Swimming
 - Painting
 - Writing
 - Reading Poem and Novel
- Singing
 - Listening to music
 - Watching Movies
 - Photography
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Languages

Persian

English

Arabic

Native

Proficient

Familiar