

# Farid karimi

Tehran, Shahid Beheshti University

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## Education

### Shahid Beheshti University

BSc in Computer Science

Tehran, Iran

Sept 2022 - Current

- Cumulative GPA: 18.98/20
- Among top 5 students
- Courses:** Basic programming, Advanced programming

### Salam High School

Diploma of Mathematics and Physics

Tehran, Iran

July 2021 - July 2021

- Graduated with GPA: 19.89/20
- Salam Mathematic Olympiad Club: Was provided with intensive training in mathematical problem-solving, advanced mathematics, and mathematical proofs.

## Teaching Experience

### Shahid Beheshti University

Dr. Kherad pisheh's Teaching Assistant

Tehran, Iran

Sept 2023 - Dec 2023

- Basic programming

### Salam High School

Teacher

Tehran, Iran

Sept 2022 - Current

- Discrete Math, Calculus, Geometry

## Projects

### photography website

Alone

Tehran, Iran

July 2023 - August 2023

- Create a customizable profile.
- Upload your photos.
- Follow other users and see their photos.
- Download photos you like.

### Digital Music Service

Shahid Beheshti University

Tehran, Iran

May 2023 - June 2023

- A music Player programmed using JavaFx, Java, CSS which is designed to replicate some of Spotify features.
- 2nd place among all the projects.

### Image Editor

Alone

Tehran, Iran

December 2023 - January 2024

- Image processing with openCV and Pillow libraries
- All the basic functionalities of an image editor.
- My first project in my Linear Algebra class.

### Pacman Game

Shahid Beheshti University

Tehran, Iran

December 2022 - January 2022

- Using algorithms such as BFS to make entity's path find to the player and DFS to generate the map of the game.
- Worked with Windows and Linux Terminal commands to Render the game.
- 1st place among all the projects.
- My first group project experience.

## Skills

### Programming

Python, Django, Java, C++, JavaScript, SQL, NoSQL, Git/GitHub.

### Frameworks / Libraries

NumPy, Matplotlib, pandas, beautiful soup, pygame, etc.

### Miscellaneous

Shell (Bash),  $\LaTeX$ (Overleaf/R Markdown), Microsoft Office, Adobe Photoshop, Adobe Illustrator.

### Soft Skills

Time Management, Creativity Skills, Problem-solving, Documentation, Engaging Presentation, Teamwork, Logical Thinking, Critical Thinking.

## Achievements

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2022	<b>Full Scholarship for Bachelor</b> , Accepted in top 5 universities in Iran	<i>Iran</i>
2021	<b>Acceptance in First Round</b> , Iran Mathematics Olympiad	<i>Iran</i>
2022	<b>Acceptance in First Round</b> , Iran Mathematics Olympiad, Iran Computer Olympiad	<i>Iran</i>
2021	<b>Acceptance in First and Second Round</b> , Iran Geometry Olympiad (IGO)	<i>Iran</i>
2021	<b>Acceptance in Silk Road Math Competition</b> , Silk Road Math Competition (SRMC)	<i>Kazakhstan</i>
2021	<b>Acceptance in European Mathematical Cup</b> , European Mathematical Cup (EMC)	<i>Croatia</i>
2020	<b>XIV. Dürer Competition</b> , 1st place in country and 6Th place international	<i>Hungary</i>
2020	<b>Acceptance in Tuymaada Mathematics Olympiad</b> , Tuymaada Mathematics Olympiad	<i>Russia</i>

## Interests

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### Artificial intelligence

Machine Learning, Deep Learning, Machine learning, Natural language processing, Reinforcement learning.

### Game Development

physics, Level design, rendering engines, modeling, Artificial Intelligence.

### Photography

Astrophotography, Landscape photography, street photography.

## Languages

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**English** Intermediate proficiency

**Persian** Native proficiency