

## Education

- 2019–Present **University of Tehran,**  
*Bachelor of Science in Computer Science*  
GPA – 3.65/4
- 2011–2019 **High School Diploma in Mathematics and Physics,**  
*National Organization for Development of Exceptional Talents*  
GPA – 19/20

## Research Interests

- **Computer Graphics**
- **Software Design**
- **Artificial Intelligence**

## Research Experience

- August 2023 **CNRL**  
— Present Member of the Computational Neuroscience Research Laboratory (CNRL) team developing a framework for efficient simulation of cortical columns on GPUs. My contributions involve implementing 3D visualization that helps real-time managing the neural network and modify the configurations. This makes the networks more understandable.

## Teaching Experiences

- February **University of Tehran, Teaching Assistant**  
2022 — June Advanced Programming (instructor: Dr. Abbas Nouzari Dalini)  
2022
- February **University of Tehran, Teaching Assistant**  
2023 — June Machine Language and Assembly (instructor: Dr Fazel Nadi)  
2023

## Selected Courses

### Computer Graphics

- instructor: Dr. Reza Aghaizadeh Zoroofi
- GPA: 4/4

### Design and Analysis of Algorithms

- instructor: Dr. Mohammad Ganjtabesh
- GPA: 4/4

### Data Structure And Algorithm

- instructor: Dr. Bagher Babaali
- GPA: 4/4

### Machine Language and Assembly

- instructor: Dr. Abbas Nouzari Dalini
- GPA: 4/4

### Advanced Programing

- instructor: Dr. Abbas Nouzari Dalini
- GPA: 4/4

## Database Management Systems

- instructor: Dr. Alireza Khalilian
- GPA: 4/4

## Introduction to Theory of Computation

- instructor: Dr. Mojtaba Mojtahedi
- GPA: 4/4

## Theory of Computation

- instructor: Dr. Mojtaba Mojtahedi
- GPA: 4/4

## Artificial Intelligence

- instructor: Dr. Hedieh Sajedi
- GPA: 4/4

## Advanced Information Retrieval

- instructor: Dr. Hamidreza Keshavarz
- GPA: 4/4

## Skills

Languages C++, C, Python, Assembly, OpenGL, MySQL.  
Frameworks Numpy, Pandas, Jupyter Notebook  
OS Windows, Linux

## Languages

English Fluent  
Persian Mother Tongue