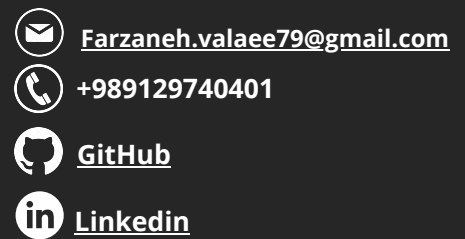


# Farzaneh Valaee Shekan

## Computer Engineering application



### EDUCATION

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#### Zanjan University

Zanjan,Iran

#### Bachelor of Computer Engineering

Sep 2017\_ Present

GPA for the last 5 semesters: 3.0/4.0

Selective Courses GPA: 3.1/4.0

#### Narjes High School

Tehran,Iran

#### Mathematics and Physics Diploma

Sep 2011\_ May2017

Total GPA: 3.75/4

### HONERS AND AWARDS

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- as a young talent in the field of technology, characterized by my abilities, innovation, and high motivation. This recognition is reflected in multiple awards and honors, including participation in innovative projects and effective contributions to advancing knowledge-based technology communities
- I condensed the third and fourth years of Elementary school into a single year.
- Achieved a position among the top 400 participants in the National Mathematical Olympiad.
- Successfully advanced through the first stage of the National Mathematics Olympiad.
- Took part in the inaugural year of the Purple Comet competition in Iran.
- Attained a ranking in the top 4% out of nearly 150,000 participants in the nationwide university entrance exam for mathematics and physics students.
- Was granted a full scholarship from Zanjan University.
- Top Technical Mentor at One of the Largest Artificial Intelligence Education Academies in the Country

### RESEARCH INTEREST

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My research interests lie in the fields of **machine learning** and **deep learning**. Specifically, I am focused on developing advanced algorithms for image analysis, text generation, and machine translation.

### CERTIFICATION

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- Python  
Iran Technical & Vocational Training Organization
- Introduction to artificial intelligence with python  
Harvard university(CS50)
- Introduction to Machine Learning  
Kaggle
- Intermediate Machine Learning  
kaggle
- Introduction to Deep Learning  
Kaggle

## SKILLS

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**Languages:** Python, JavaScript, C, HTML/CSS

**Database:** MySQL

**Libraries:** NumPy, Pandas, OpenCV, keras, scikit-learn , NLTK

**Frameworks:** Flask, Django, Keras, TensorFlow, PyTorch

**Tools & Technologies:** Git , Microsoft Office

## EXPERIENCE

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### Artificial Intelligence Technical Team Member and TA:

#### **SHARIF SCIENCE & TECHNOLOGY PARK**

Jun 2023 - Present · 3 mos

- I have experience working as an AI teaching assistant, where I supported students in understanding complex concepts and implementing AI algorithms in their projects.
- I collaborated with professors to design coursework, assignments, and exams related to artificial intelligence, ensuring a comprehensive learning experience for students.
- I provided guidance and assistance to students in coding, debugging, and troubleshooting AI projects, helping them overcome challenges and achieve their learning objectives.
- I participated in research projects related to AI technology, gaining practical experience in applying theoretical concepts to real-world problems.
- My role as an AI teaching assistant allowed me to contribute to the academic community and foster a passion for AI among students while gaining valuable hands-on experience in the field.
- I have been involved in organizing national-level artificial intelligence competitions and served as a member of the technical judging team at these events.
- **Tools: Python, Flask, OpenCV, Keras, Tensorflow, PyTorch, Django, NLTK**

### Programming Tutor(python)

#### **Yasan Academy**

July 2022\_ Nov 2022

- **Code Review and Feedback:** I review students' code, provide constructive feedback, and offer guidance on improving coding techniques and problem-solving skills.
- **Project-Based Learning:** I assign and guide students through projects that require applying Python programming concepts to real-world scenarios, helping them gain practical experience and build their portfolios.
- **Support and Mentorship:** I provide support and mentorship to students, addressing their questions and helping them overcome challenges they encounter while learning Python programming.
- **Tools: Python**

## PROJECTS

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### University Projects

- Artificial Intelligence
- Compiler
- Internet Eng
- Network Lab
- System Analysis

### **Worksheet projects**

- CarPricePrediction

## LANGUAGE PROFICIENCY

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- **Farsi(Native)**
- **English(Professional Working Proficiency)**

### **IELTS:**

- listening : 6
- reading : 5
- writing : 5.5
- speaking : 6.5
- overall : 6

### **GRE:**

- Verbal Reasoning: 137
- Quantitative Reasoning: 152
- Analytical Writing: 2

## References

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Dr.Leila Safari

Dr.Dariussh Najafii