

# Naser Kazemi

✉ naserkazemi2002@gmail.com | 📍 Sharif University of Technology, Tehran, Iran

## Education

### Sharif University of Technology

Bachelor in CE

GPA 19.27/20

Tehran

Sep. 2020 - Ongoing

### Sharif University of Technology

Minor Degree in Applied Mathematical Science

GPA 19.27/20

Tehran

Sep. 2021 - Ongoing

## Research Projects

### Interactive Video Generation and World Models (Link to project)

INSAIT, Under the Supervision of Prof. Luc Van Gool & Prof. Danda Paudel

Sofia, Bulgaria

July. 2024 - Sep. 2024

### Multi-Objective Optimization Evolutionary Algorithms

Max Planck Institutes for Informatics, Under the Supervision of Prof. Vahid Babaie

Saarbrücken

July. 2023 - Sep. 2023

## Relevant Courses

**Reinforcement Learning, Convex Optimization, Information Theory, Mathematical Analysis 1, Algebra 1, Game Theory, Machine Learning, Artificial Intelligence, Design of Algorithms**

## Side Courses

**Data Analytics Bootcamp**, University of Tehran

**Functional Programming Principles in Scala**, Coursera, by EPFL

**Functional Program Design in Scala**, Coursera, by EPFL

## Work Experience

### Wize Analytics

Machine Learning Team

Tehran

July. 2022 - Oct. 2022

- Address Text mining
- Anomaly Detection in Times Series for Server Resources
- Server Resources Controller (Django, InfluxDB, and Kafka)

## Github Projects

- **CIFAR-10 Classification and Colorization**, Artificial Intelligence, Spring 2022, Python(Pytorch), Link
- **Rope Motion Simulation**, Digital Systems Design, Spring 2022, Verilog & C++, Link
- **Yu-Gi-Oh! Trading Card Game**, Advanced Programming Project, Spring 2021, Java, Link

## Awards and Honors

July. 2020

**National University Entrance Exam:** Ranked 5

Feb. 2018

**European Mathematical Cup:** Gold Medal

## Technical Skills

### Programming

Java, C/C++, C#, Python, Scala, CUDA, R

### Libraries & Frameworks

PyTorch, Scikit-Learn, TensorFlow, Jax, DEAP, Hadoop, Spark, Kafka, InfluxDB, Django

### Softwares

Linux, Xilinx, L<sup>A</sup>T<sub>E</sub>X, Vim

### Languages

Persian(Native), English

# Volunteer Services

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## Student Scientific Chapter

Computer Engineering Department, Sharif University of Technology

Central Member

*Tehran*

July. 2022 - Sep. 2023

## Teaching Assistance

Sharif University of Technology

- **Linear Algebra** | Prof .Rabiee, Spring 2022, Spring 2023 | Prof .Hossein Ghorban, Spring 2023
- **Probability and Statistics** | Prof. Shrif Zarchi, Spring 2022
- **Game Theory** | Dr. Nilipour, Spring 2023 (Head TA)
- **Data Structures and Algorithms** | Prof. Safarnejad, Spring 2022 | Prof. Abam, Fall 2023
- **Theory of Languages and Automats** | Prof. Izadi, Fall 2023
- **Advanced Programming** | Prof. Fazli, Spring 2022
- **Fundamentals of Programming** | Prof. Fazli, Fall 2021 and Fall 2022