

# Naser Kazemi

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## Education

### Sharif University of Technology

Bachelor in Computer Engineering, Minor Degree in Applied Mathematical Science  
Major GPA: 19.72/20, Overall GPA: 19.27/20

Tehran

Sep. 2020 - Ongoing

## Research Projects

### Interactive Video Generation and World Models, [Link to project](#), [arXiv paper](#)

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, Germany

July. 2023 - Sep. 2023

## 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](#)

## 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

## 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

### Student Scientific Chapter

Computer Engineering Department, Sharif University of Technology  
Central Member

Tehran

July. 2022 - Sep. 2023