

# NARGES SODEIFI

nsodeifi78@gmail.com | ns22613558@aut.ac.ir | GitHub | Personal Website

## OBJECTIVE

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I graduated with a bachelor's degree in Computer Engineering from Amirkabir University. Accepting challenges and seeking solutions is one of my interests. I enjoy sports, particularly rock climbing and kickboxing, which I pursue professionally. I'm passionate about combining my knowledge in AI and machine learning with my love for sports to create impactful programs.

## EDUCATION

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### Bachelor of Science

Amirkabir University of Technology | Tehran, Iran  
Computer Engineering | GPA: 3.49/4

Sep 2018 - Jul 2022

### Relevant Courses

Algorithm Design (20/20), Principles of Computational Intelligence (19/20), Data Mining (18.1/20), Research and Technical Presentation (19.5/20), Web Programming (20/20), Mobile Programming (19.5/20), Signals and Systems (19.25/20), Principles & Applications of Artificial Intelligence (17.17/20), Startup Development (20/20), Internet of Things (18.51/20)

### High School Diploma

Sotoudeh Institute | Tehran, Iran  
Mathematics | GPA: 18.88/20

Sep 2014 - Jul 2018

## EXPERIENCE

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### Data Scientist

IELTS Tehran | E-Learning Providers

Jan 2021 - Present

As a freelance project alongside my work, I assisted IELTS Tehran in analyzing their data to enhance their customer service.

### Data Scientist

Radin Technology | IT Service and IT Consulting

Apr 2022 - Jun 2023

For the past year, I have been working at Radin Technology. Our goal was to implement a system similar to Amazon Dash Carts, and I was responsible for the vision component.

### Data Science Intern

Sanjeman Co. | Human Resources Service Application

Jul 2021 - Oct 2021

Developed a resume ranking systems to rank applicants based on their chance to get accepted with over 75% accuracy using XGBoost algorithm.

### Graphic Designer

Teenglish Startup | English Teaching Page  
Page designer and content provider.

Apr 2018 - Sep 2020

## TEACHING EXPERIENCE

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### Teacher Assistant

Algorithm Design Course | Amirkabir University of Technology

Mar 2022 - Jun 2022

Microprocessor and assembly language course | Amirkabir University of Technology

Feb 2021 - Dec 2021

Last update on July 15, 2023 for additional information please visit my [website](#)

## NOTABLE PROJECTS

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### **Memeor Shower**

Android App | Kotlin and Java

Fall 2021

An app that allows users to make memes with some unique characteristics.

### **Snail jumper**

Game | Python

Fall 2021

An evolutionary game design using evolutionary algorithms and neural networks.

### **Information Retrieval**

Search Engine | Python

Spring 2021

A search engine on 7000 documents using information retrieval techniques.

### **Find Poet**

Program | Python

Fall 2021

Program that can find the poet based on their language model using unigram and Bigram.

### **Fruit Classification**

Program | Python

Fall 2021

Implemented a three-layer Neural Network to classify 600 pictures into four different groups with gradient descent technic and used sigmoid as activation function.

## SKILLS

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### **Languages**

Persian (Native)

English (Full Professional Proficiency)

### **Programming Languages**

Python (3 years of work experience)

C# (4 months of work experience)

Java (Acquired through university)

Kotlin (Acquired through university)

C++ (Acquired through university)

JavaScript (Acquired through university)

### **Tools and Technologies**

Git (3 years of work experience)

MySQL (2 years of work experience)

Looker Studio (2 years of work experience)

HTML, CSS (1 years of work experience)

.Net6 (4 months of work experience)

Android Studio (Acquired through university)

### **AI Research and Design**

Researching and designing artificial intelligence systems using machine learning models, such as neural networks, as well as probabilistic models and classic AI approaches.

### **Applied ML**

Machine learning and its applications, including prediction, machine translation, computer vision, and natural language models, using libraries such as TensorFlow, Keras, PyTorch, and Scikit-Learn.

## SUPPLEMENTARY COURSES

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### **Certified Ethical Hacker**

Maktabkhooneh

Issued Jun 2020

### **Front-end web development**

Quera

Issued Apr 2020

## RESEARCH INTERESTS

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Machine learning, Computer vision, Sports, Data science, Health, Neural networks, HCI, Social Robotics