# Shervin Iranaghideh

Tehran, Iran | +98 993 8064 299 | sherviniranaghideh@gmail.com | [Homepage](Homepage) | [GitHub](GitHub)

## EDUCATION

**Science and Research Branch, Islamic Azad University (SRBIAU) | B.S. Computer Science**

2020 — 2024 | Major: Computer Science | GPA: 3.22 (16.11 on 20 scale, first 3 years)

## RESEARCH INTERESTS

**Machine Learning — Natural Language Processing — Computer Vision — Multimodality**

Preferably: Multimodal Analysis, Visual Question Answering, Image Captioning, Video Captioning

## SKILLS & TOOLS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Python | 80% | Pandas | 50% | JavaScript | 60% | Word | 60% |
| TensorFlow | 30% | Matplotlib | 40% | HTML/CSS | 80% | Excel | 40% |
| PyTorch | 20% | C++ | 20% | Git | 50% | PowerPoint | 50% |
| Scikit-Learn | 40% | MATLAB | 20% | Go | 30% | Illustrator | 30% |
| NumPy | 60% | R | 10% | Prompting | 60% | Figma | 20% |

## EXPERIENCE

**Research | Multi-Commodity Transportation | SRBIAU | Spring 2023**

Supervisor: [Dr. Farhad Hosseinzadeh Lotfi](Dr. Farhad Hosseinzadeh Lotfi)

Mathematical modeling of Multi-Commodity Transportation Problems ([PDF](PDF)). Solving them using SciPy Python.
Making a program with UI that solves these problems. Deploying it on HF Spaces for demo with Gradio.

**Internship & Work | Front-end Developer | E-Commerce Brokers | Sep 2020 — Now**

Supervisor: [Armin Rahimian](Armin Rahimian)

Learning web development. Developing websites with HTML, CSS & JavaScript. Making websites with WordPress and DNN using Plesk platform.

**Teaching Assistant | Linear Optimization | SRBIAU | Fall 2023**

Instructor: [Dr. Farhad Hosseinzadeh Lotfi](Dr. Farhad Hosseinzadeh Lotfi)

Generating practice problems for students. Solving practice problems for students. Troubleshooting students. Grading assignments.

**Project | Personal Website | Jul 2023**

Designging my [personal website](personal website) from scratch. (Code available on my [GitHub](GitHub).)

**Research | Matching Energy of Graphs | SRBIAU | Mar 2023 — Now**

Collaborating with two of my colleagues in research on Matching Energy of Graphs.

**Teaching Assistant | Calculus 1 | SRBIAU | Fall 2023**

Instructor: [Dr. Somayeh Ghezelahmad](Dr. Somayeh Ghezelahmad)

Solving practice problems for students. Troubleshooting students. Grading assignments.

## RELATED COURSES

| | | | |
|---|---|---|---|
| Machine Learning | Numeric Linear Algebra | Set Theory and Logic | Linear Algebra |
| Probability | Linear Optimization | Linear Analysis | |