

# Shervin Iranaghideh

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## EDUCATION

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

2020 – 2024 | Major: Computer Science | GPA: 3.42 (16.11 on 20 scale, first 3 years)

## RESEARCH INTERESTS

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

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

## 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](#)

Mathematical modeling of Multi-Commodity Transportation Problems ([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](#)

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](#)

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

**Project | Personal Website | Jul 2023**

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

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

Doing research on Matching Energy of Graphs with two of my colleagues.

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

Instructor: [Dr. Somayeh Ghezalahmad](#)

Solving practice problems. Troubleshooting students. Grading assignments.

## RELATED COURSES

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