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

Specifically: Visual Question Answering, Image Captioning, Video Captioning, Multimodal Sentiment Analysis

SKILLS & TOOLS

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

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 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

Designging 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 Ghezelahmad](#)

Solving practice problems. Troubleshooting students. Grading assignments.

RELATED COURSES

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