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: 3.23 (16.11 on 20 scale, last 3 years)
Last 2 years GPA: 3.38 | Last semester GPA: 4 (19/20)

RESEARCH INTERESTS

Machine Learning — Natural Language Processing — Multimodality — Computer Vision

Potential Research Directions: Fact Verification of Text Generated by LLMs, Text Summarization, Multimodal Analysis, Image Understanding, Visual Question Answering

SKILLS & TOOLS

Python	80%	Pandas	60%	JavaScript	60%	Word	70%
TensorFlow	30%	Matplotlib	50%	HTML/CSS	80%	Excel	40%
PyTorch	20%	C++	20%	Git	50%	PowerPoint	50%
Scikit-Learn	50%	MATLAB	20%	Go	30%	Illustrator	30%
NumPy	80%	R	20%	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 for students. Troubleshooting students. Grading assignments.

Project | Personal Website | Jul 2023

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

Research | Matching Energy of Graphs | SRBIAU | May 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](#)

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

RELATED COURSES

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