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) | **TOEFL iBT**: 99 (R: 25, L: 26, S: 22, W: 26)

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](#).)

Teaching Assistant | Calculus 1 | SRBIAU | Fall 2023

Instructor: [Dr. Somayeh Ghezelahmad](#)

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

Research | Matching Energy of Graphs | SRBIAU | May 2023 — Now

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

RELATED COURSES

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