

# Shervin Iranaghideh

## PROSPECTIVE GRADUATE STUDENT

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### Objective

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I am highly motivated for doing research in subfields of Artificial Intelligence, I'm interested in Natural Language Processing, Transformers, Computer Vision and Multimodality.

I'm looking for research positions and joining labs for collaboration, if you are looking for a dedicated and highly motivated researcher, please contact me.

### Research Interests

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Machine Learning — Natural Language Processing — Computer Vision — Multimodality

Other: Transfer Learning, Neural Networks, Human-AI Interaction

### Education

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Science and Research Branch, Islamic Azad University (SRBI AU) | B.S. Computer Science

2020 — 2024 | Major: Computer Science | GPA: 3.2 (First 3 years)

### Experience

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#### Research | Multi-Commodity Transportation | SRBI AU

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

2020 — Now

Supervisor: [Armin Rahimian](#)

- Learning web development.
- Developing websites with HTML, CSS & JavaScript.
- Making websites with WordPress.

#### Teaching Assistant | Linear Optimization | SRBI AU

Fall 2023

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

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

#### Project | Personal Website

Aug 2023

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

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.

**Skills & Abilities**

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

**Related Courses**

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

**Attributes**

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|-----------------|----------------|
| • Meticulous    | • Logician     |
| • Hyper-focuser | • Self-learner |
| • Competitor    | • Adaptive     |

**Unrelated Skills & Hobbies**

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| • Basketball (Shooting Guard) – 90% | • Piano – 40% |
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