Shervin Iranaghideh

Tehran, Iran | **+98 993 8064 299** | **Email:** sherviniranaghideh@gmail.com | [**Website**](#) | [**GitHub**](#)

Date of birth: 29/07/2002 | **Nationality:** Iranian | **Gender:** Male | **Address:** No. 39, first floor, Shahid Rafiei Alley, North Golestan Street, Ferdows Shargh Blvd., Second Sadeghieh Square, 1481886881, Tehran, Iran

EDUCATION

B.S. Computer Science 22/09/2020 - 16/08/2025 | **Islamic Azad University Science and Research Branch (SRBIAU)** | **Address:** End of Shahid Sattari Highway, University Square, Hesarak Martyrs Boulevard Islamic Azad University, Science and Research Branch Tehran, Iran | **GPA:** 16.79/20 | **Website:** srb.iau.ir/en

RESEARCH INTERESTS

Machine Learning — Natural Language Processing — Human-computer Interaction

RESEARCH EXPERIENCE

Research | Multi-Commodity Transportation | SRBIAU | Spring 2023

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

- Mathematical modeling of Multi-Commodity Transportation Problems ([PDF](#)).
- Introduced a method for solving MCTP using SciPy Python.
- Made a program with a simple UI that solves these problems and deployed it on HF Spaces for an online demo using Gradio Python library.

Research | DistilBERT vs MiniLM for AG News Topic Classification: Accuracy–Efficiency Trade-offs in Fine-Tuning | SRBIAU | Fall 2023

Supervisor: [Dr. Tofigh Allahviranloo](#)

- Fine-tuning two small pre-trained transformer models on AG News dataset using Google Colaboratory.
- Comparing their Accuracy, Macro F1 Score and train time.
- Documenting methodology and results in a report ([PDF](#)).

WORK EXPERIENCE

Work | Front-end Developer | E-Commerce Brokers of Iran ([ECB.ir](#)) | 10/07/2024 - Now
Supervisor: [Armin Rahimian](#)

- Designed and developed user-centric interfaces for diverse web projects, including a high-performance e-commerce website with back-end functionality for price calculations.
- Built and customized feature-rich platforms using CMS solutions such as DNN (Dot Net Nuke).
- Designed blog templates and authored blog posts for the E-Commerce Brokers of Iran website.

Internship | Front-end Designer | E-Commerce Brokers of Iran ([ECB.ir](#)) | Summer 2023
Supervisor: [Armin Rahimian](#)

- Contributed to various web development projects using HTML, CSS, JavaScript, and working with WordPress and DotNetNuke (DNN), and collaborating within a professional team.

TEACHING EXPERIENCE

Teaching Assistant | Linear Programming (Optimization) | SRBIAU | Fall 2023
Instructor: [Dr. Farhad Hosseinzadeh Lotfi](#)

- Conducted 1-hour practice problem-solving sessions.

- Provided troubleshooting support for students.
- Developed practice problems for students.
- Guided students in solving practice problems.

Teaching Assistant | Calculus 1 | SRBIAU | Fall 2023

Instructor: [Dr. Somayeh Ghezelahmad](#)

- Managed the final 45 minutes of each class, guided students in solving problems.
- Assessed student performance: Evaluated assignments, quizzes, and exams.
- Provided troubleshooting support for students.

PRESENTATIONS

Academic Presentations | University Courses Presentations | 2020-2023 | SRBIAU

- Operating Systems: Docker.
- Artificial Intelligence: 8-Queen Problem.
- Computer Networks: Domain Name System (DNS).
- Computer Systems: Cryptography.
- Linear Algebra: Applications in Machine Learning.

SKILLS & TOOLS

- **Programming Languages:** Python, JavaScript, Go, LaTeX, C/C++.
- **Libraries**: PyTorch, TensorFlow, NumPy, Pandas, Scikit-Learn, Matplotlib, spaCy, NLTK, SciPy, Kivy.
- **Web Development:** TypeScript, JavaScript, React, Next.js, DotNetNuke (DNN), WordPress.
- **Developer Tools:** Git (version control), Docker, Google Colaboratory, Jupyter Notebook, Plesk, JetBrains IDEs (WebStorm, PyCharm).
- **Design Tools:** Figma, Adobe Premiere Pro, Adobe Illustrator.

LANGUAGE

Native Language: Persian | **Other:** English (Level: C1) - TOEFL iBT Score: 101 - Date: 07/01/2026

RELATED COURSES

Machine Learning[1]	Artificial Intelligence	Numerical Analysis
Probability	Linear Algebra	Linear Programming
Numerical Linear Algebra	Logic	

REFERENCES

- Dr. Farhad Hosseinzadeh Lotfi | [Google Scholar](#) | [Scopus](#) | [Email](#)
- Dr. Tofigh Allahviranloo | [Google Scholar](#) | [Scopus](#) | [Email](#)
- Dr. Somayeh Ghezelahmad | [Google Scholar](#) | [Scopus](#) | [Email](#)

Hobbies & Activities

Playing Basketball (played for 10 years, including 5 years semi-professionally - teams: Cyrus, Takhti - position: PG and SG), playing the Piano, Video Editing and Graphic Design.

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[1] The official name for this course is "Topics in Computer Science" in which the professor chooses a computer science related topic for the course which in our case was Machine Learning. Coding assignments for this course are available on my GitHub.