

Sajad Rahmanian Ashkezari

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Research Interests

Machine Learning—Computer Vision—Deep Learning

Education

Master's Degree, Computer Science

York University, Toronto, ON

Supervisor, Prof. Ruth Uner

GPA, NA

Sep. 2023 – Aug. 2025

- Big Data Systems (A+), Computer Vision (NA), Image Processing (A+)

Minor Degree, Mathematics

Sharif University of Technology, Tehran

GPA, 18.65/20

Sep. 2020 – Feb. 2023

Bachelor's Degree, Electrical Engineering

Sharif University of Technology, Tehran

GPA, 18.65/20

Sep. 2018 – Feb. 2023

- **Machine Learning:** *Intro Machine Learning (20/20) — Computer Vision (20/20) — Deep Learning (19.6/20) — Computer Vision Lab (18.4/20)*
- **Statistics:** *Statistics and Applications (20/20) — Advanced Statistics (20/20) — Causal Inference (18.9/20)*
- **Programming:** *Intro Programming in C/C++ (20/20) — Data Structures and Algorithms (Audited)*
- **Other Relevant Courses:** *Convex Optimization (17.5/20) — Game Theory (17.8/20) — High-Dimensional Probability (18.5/20) — Information Theory (20/20)—Stochastic Processes (20/20)*

Skills

- **Programming Languages:** Python, Matlab, R, SQL, C/C++
- **Deep Learning Frameworks:** PyTorch, Keras
- **Machine Learning Packages:** NumPy, Pandas, SciPy, scikit-learn, Matplotlib, Seaborn
- **Image Processing:** OpenCV, Kornia

Experience

- **Deep Learning in Communication Systems Internship, Summer 2021**
My role was to implement some papers about modeling communication systems as AutoEncoders in deep learning frameworks.
- **Intro Programming in C/C++ Teaching Assistant, Winter 2019**
My role was to design and grade assignments and hold a tutorial session.
- **Intro Machine Learning Teaching Assistant, Fall 2021**
My role was to design and grade assignments, answer students' questions, and resolve their issues.
- **Convex Optimization Teaching Assistant, Winter 2022**
My role was to design and grade assignments, answer students' questions, and resolve their issues.

Projects

Please refer to my GitHub page to see the projects I have worked on.

Languages

- **Persian**, *Native*
- **English**, *Professional working proficiency, TOEFL Score: 109/120*