Ramtin Moslemi

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🖥 SUMMARY

Highly motivated with a strong foundation in *Artificial Intelligence* and *Machine Learning*. Eager to apply theoretical knowledge in practical settings, particularly in *Reinforcement Learning*, *Geometric Deep Learning*, and their applications in *Robotics* and *Computer Vision*. Seeking opportunities to contribute to research and development in these areas.

⚗ RESEARCH INTERESTS

- Reinforcement Learning
- Geometric Deep Learning
- Adversarial Robustness
- Generative Models

🎓 EDUCATION

SHARIF UNIVERSITY OF TECHNOLOGY   *2020-present*
B.S. IN COMPUTER ENGINEERING

- *Key Courses:*   Artificial Intelligence | Machine Learning | 3D Computer Vision | Security & Privacy in ML

💼 EXPERIENCE

SHARIF UNIVERSITY OF TECHNOLOGY   *2023-present*
RESEARCH ASSISTANT AT ROBUST AND INTERPRETABLE MACHINE LEARNING LAB

- Worked on adversarial robust learning and its generalization issues under the supervision of Dr. Rohban.

RESEARCH ASSISTANT AT MACHINE LEARNING LABORATORY

- Worked on music generation under the supervision of Dr. Soleymani and Dr. Javidpour.

TEACHING ASSISTANT AT THE DEPARTMENT OF COMPUTER ENGINEERING

- *Graduate:*   Deep Learning | Reinforcement Learning | Security & Privacy in ML | Advanced 3D Computer Vision
- *Undergraduate:*   Machine Learning (x3) | Artificial Intelligence | Probability & Statistics (x3) | Linear Algebra

TEACHING ASSISTANT AT THE DEPARTMENT OF COMPUTER SCIENCE

- *Graduate:*   Generative Models | Machine Learning Theory

TEACHING ASSISTANT AT THE DEPARTMENT OF ELECTRICAL ENGINNERING

- *Graduate:*   Deep Generative Models

✹ CERTIFICATES

- Attended Neuromatch Academy's *Computational Neuroscience* course and earned a Certificate of Completion. (2024)
- Completed Hugging Face's *Deep Reinforcement Learning* course and earned a Certificate of Excellence. (2024)
- Attended Neuromatch Academy's *Deep Learning* course and earned a Certificate of Completion. (2023)

</> SKILLS

PROGRAMMING LANGUAGES	*Experienced:* Python	C	C++	SQL	Java *Familiar:* R	Matlab	C#
FRAMEWORKS & LIBRARIES	*Deep Learning:* PyTorch	TensorFlow	Keras	JAX *Vision:* OpenCV	YOLO
SOFTWARE ENGINEERING	Object Oriented Design	Microservice Architecture	Agile Development
TOOLS AND TECHNOLOGIES	*DevOps:* Docker	Kubernetes	Git	Prometheus	Grafana *MLOps:* MLFlow	TFX
OTHER SKILLS	Linux	Bash	LaTeX	Web Scraping	Teaching	Presentation	Teamwork
LANGUAGES	*Native:* Persian *Fluent:* English *Intermediate:* Spanish