

EDUCATION

9/2022 - Now	Ph.D. - Electrical and Computer Engineering Northeastern University, Boston, Massachusetts	Curr. GPA 3.83/4
9/2018 - 6/2022	B.Sc. - Computer Engineering Sharif University of Technology, Tehran, Iran	GPA 3.96/4

RESEARCH EXPERIENCE

9/2022 - Now	Research Assistant at Northeastern University • Adversarial Robustness - Continual Learning <ul style="list-style-type: none"> Robustness of Parameter Efficient Fine-Tuning for Large/Foundation Models Enhancement of Rehearsal-based Continual Learning • Machine Learning for Skin Cancer Melanoma Diagnosis <ul style="list-style-type: none"> Image registration of Confocal and Dermoscopy Images Skincancer Diagnosis Using Low-quality Images 	Prof. Jennifer Dy
6/2021 - 11/2021	Research Intern at Technical University of Munich • Explainability of Deep Learning <ul style="list-style-type: none"> Effect of Input Distribution Shift in Information Bottleneck Attribution Global Class Attributions 	Prof. Nassir Navvab
6/2020 - 6/2022	Research Assistant at Sharif University of Technology • Adversarial Robustness <ul style="list-style-type: none"> Efficient Single-step Adversarial Training 	Prof. Mohammad Hossein Rohban

PUBLICATIONS

2023	ZeroGrad: Costless conscious remedies for catastrophic overfitting in the FGSM adversarial training Intelligent Systems with Applications Z. Golgooni, M. Saberi*, M. Eskandar*, M.H. Rohban	
2024	ADAPT to Robustify Prompt Tuning Vision Transformers M. Eskandar, T. Imtiaz, Z. Wang, J. Dy	Preprint (Under Review)

LANGUAGES

English - Fluent - TOEFL 115/120 - GRE: 170Q 159V 3.5W, **Farsi** - Native

SKILLS

Programming Languages Python / C++ / C / Java / R

Tools and Frameworks Pytorch / Tensorflow / Numpy / OpenCV / Pandas

AWARDS AND ACHIEVEMENTS

2020	Rank 30th Nationwide University Entrance Exam Math and Physics Branch (Konkur)	
2021	Undergraduate Excellence Awards One of Five Award Holders	Technical University of Munich