

# Salar Mokhtari Laleh

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## Education

M.Sc. in Electrical Engineering, National Taiwan Normal University 2025 - *present*

Thesis title: RL and Deep RL on Humanoid Robotics

GPA: 3.43(First semester)

B.Sc. in Computer Engineering, University of Tabriz 2018 - 2023

GPA: 15.02 (out of 20)

## Research Interests

- Machine Learning
- Human-computer Interaction
- Applied ML
- Augmented Reality
- RL and Deep RL
- ANNs

## Academic Experience

Teaching Assistant of Engineering Probability and Statistics Sep 2023 – Dec 2023

*Faculty of Electrical and Computer Engineering, University of Tabriz*

- Lecturer: Dr. Seyed Amir Mortazavi.

Teaching Assistant of Software Engineer I Sep 2023 – Dec 2023

*Faculty of Electrical and Computer Engineering, University of Tabriz*

- Lecturer: Dr. Leili Farzinvasht

Teaching Assistant of Algorithm Design Feb 2023 – Jun 2023

*Faculty of Electrical and Computer Engineering, University of Tabriz*

- Lecturer: Dr. Pedram Salehpour

Teaching Assistant of Linear Algebra and its Application Apr 2021 – Sep 2022

*Faculty of Electrical and Computer Engineering, University of Tabriz*

- Lecturer: Dr. Seyed Amir Mortazavi.

Teaching Assistant of Discrete Mathematics Jan 2021 – May 2022

*Faculty of Electrical and Computer Engineering, University of Tabriz*

- Lecturer: Dr. Seyed Amir Mortazavi.

## Internship Experience

Internship Student

August 2024 – January 2025

*Educational Robotics Center (ERC) – NTNU, Taiwan*

- On-site.
- Research at RL and Deep RL Humanoid Robotics
- Work with NVIDIA Isaac Lab, Isaac Sim, PPO

## Technical & Research Experience and Project

- Basketball System Analysis
- Brain Tumor Detection
- American Sign Language MNIST & Gesture Recognition CNNs
- Fake News Detection using DistilBERT Pretrained Model & Transfer Learning
- Diabetes Prediction using Deep Learning
- House Price Prediction through Effective Data Preprocessing & Linear Regression Modeling
- Connect Four Game with AI model
- E-commerce with Groceries-Recommender

## Publication

Conferences:

1. Transfer learning-based face mask detection system.
  - a. Mersin University(7/9/2024)
  - b. *The 9 Advanced Engineering Days (AED)*

## English & GRE Tests

IELTS (Academic): 109 (overall score)  
Listening: 29, Writing: 27  
Speaking: 23, Reading: 30  
Test date: April 09/ 2024

GRE General Test:  
Q: 168; V: 162; AW: 4.0  
Test date: August 30/ 2023

## Licenses & Certifications

- Linear Algebra for Machine Learning and Data Science.
  - *DeepLearning.AI*
  - *Credential ID G6YGAZJNJP7X*
- Supervised Machine Learning: Regression and Classification

- *DeepLearning.AI*
  - *Credential ID EKLUV6CQHFDL*
- AI For Everyone
  - *DeepLearning.AI*
  - *Credential ID JLCFGQVXTRMA*
- C for Everyone: Programming Fundamentals
  - *University of California, Santa Cruz*
  - *Credential ID QAWML3H6CKBG*
- Python Data Structures
  - *University of Michigan | Coursera*
  - *Credential ID J9XKY7RAX8WD*
- Programming for Everybody (Getting Started with Python)
  - *University of Michigan | Coursera*
  - *Credential ID TF288AN8XW7J*

## Languages

English, Azerbaijani, Turkish, Farsi

## Hobbies

Tennis, Cycling, Reading Book