Name: Sadegh Pouriyan Zadeh
Email: sadegh.pouriyan28@sharif.edu
Phone Number: +989039226003

Education:

1. Bachelor of Science
University: Razi University
Major: Electronics Engineering
Thesis: Analysis of the Large Hadron Collider ATLAS Detector Data using Machine Learning
Supervisor: Professor Gholamreza Karimi

2. Master of Science
University: University of Tehran
Major: MEMS Engineering
Thesis: Design and Simulation of a Single TiO_2 Nanofiber Gas Sensor using Monte Carlo Technique
Supervisor: Associate Professor Alireza Nikfarjam

Research Experience:

- Artificial Intelligence (Optimization Techniques)
- Nanoscience (Nanofibers and Gas Sensors)

Publications:

1. Gravity Optimizer: a Kinematic Approach on Optimization in Deep Learning
https://arxiv.org/abs/2101.09192
2. Fabrication and Verification of a Single Aligned Nanofiber Gas Sensor based on Non-Contact Direct Writing Method
https://doi.org/10.1049/ell2.12936