


# Saeideh Mousavi

Machine Learning Engineer  
Toronto, Canada  
☎ +1-613-770-1484

✉ mousavi.saeideh@gmail.com

 Kaggle Profile

 GitHub Profile

 LinkedIn Profile

## EDUCATION

- **M.SC - Software Engineering, AZAD University of Zanjan , Iran** 2016-18  
*Thesis: Improving the efficiency of Constraint Solvers in Software Testing* GPA: 18.87
- **B.SC - Software Engineering, University of Zanjan, Iran** 2010-14  
*Thesis: A Thorough Analysis on Squid Proxy Servers* GPA: 15.05

## CERTIFICATION

- **KaggleX BIPOC Mentorship Program(Cohort 3)** September 2023
- **Machine Learning on Google Cloud** 2022
- **Preparing for Google Cloud Certification: Machine Learning Engineer** 2021

## COMPETITION

- **Bengali.AI Speech Recognition: Recognize Bengali speech from out-of-distribution audio recordings** 2023  
*Kaggle Link: Bengali Speech Recognition Competition*

## PROJECTS

- **Implementation of Bengali.AI Speech Recognition**  
*Kaggle Notebook Link: Training with Audio Augmentation Implementation Notebook*
- **Implementation of Autoencoder on Fashion-MNIST Dataset**  
*GitHub Link: Autoencoder-Fashion-MNIST*
- **Image Classification Using Deep Learning on Fashion-MNIST Dataset**  
*GitHub Link: ResNet50-fashionMnist , VGG16-AdaCos-Fashionmnist*
- **Image Classification using ResNet50 on COCO Dataset**  
*GitHub Link: ResNet50-COCO*
- **Classification Models Implementation on MNIST Dataset**  
*GitHub Link: MNIST-Classification-Models*
- **Image Classification using simple CNN on Natural Images Dataset**  
*GitHub Link: imageclassification-natural-images*
- **Improving Software Testing Process by Solving Constraints using Computational Graphs in TensorFlow**
- **Simulating the Resource Allocation Process in a Single Processor Time Sharing System by Alloy**
- **Designing a Tool for Analyzing the Network Traffic in a Networks Equipped with Squid Proxy Servers**

## EXPERIENCE

- **KaggleX BIPOC Mentorship Program(Cohort 3)** August 2023  
*Mentee*
- **Mobilineq, Kingston** 2018-2020  
*Assistant Manager*
- **MTN-IRANCELL , Iran** 2014-2016  
*Data Quality Analyst*

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Python, Matlab, Java, HTML

**Cloud Platform :** GCP, AWS

**Tools:** PyTorch, TensorFlow, Keras, Pandas, Choco Solver, GitHub

**Software:** Docker, SQL, Klee

**Methodology:** Agile Development

**Areas of Interest:** Computer Vision, Deep learning, Automatic Speech Recognition

**Soft Skills:** Fast learner, Problem Solving, Self-learning, Adaptability