


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 using Deep Learning GPA:3.8/4
- **B.SC - Software Engineering, University of Zanjan, Iran** 2010-14
Thesis: A Thorough Analysis on Squid Proxy Servers GPA: 3.1/4

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 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)** September 2023
Mentee
- **Mobilingq, 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