

Ahmad Pourihosseini

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OBJECTIVE

Hardworking graduate student with a superb academic record and strong theoretical and practical background in machine learning gained through various machine learning courses, internships, and research assistantships. Eager to join [your company] as a machine learning engineer to be a part of a team working on implementing machine learning ideas and exploring new ways in which they can solve real-world problems and generate value.

EDUCATION

MSc in Applied Computing

Sep. 2021 – Jun. 2023 (expected)

University of Toronto, Department of Computer Science

- Vector Scholarship in Artificial Intelligence Recipient, Vector Institute, 2021
- Courses (ongoing): Introduction to Machine Learning, Computational Linguistics

BSc in Computer Engineering – Software, GPA 3.97

Sep. 2015 – Feb. 2020

University of Tehran, Department of Software Engineering

- Ranked 1st among CE students
- Honourable Student Award, Supporter Foundation of the University of Tehran, 2019
- Faculty of Engineering Award (FOE), University of Tehran, 2016, 2017, and 2018
- Relevant courses: Artificial Intelligence, Pattern Recognition (graduate), Neural Networks (graduate)

EXPERIENCE

Machine Learning and Computational Modeling Lab at the University of Tehran

Feb. 2019 – Feb 2020

Research Assistant

- Worked in collaboration with a graduate student on improving an adversarial perturbation generator to increase adversarial robustness of models trained using those perturbations
- Re-implemented the original paper's code in PyTorch to reproduce the results.
- Increased the model's output diversity on three different Convolutional Neural Network (CNN) architectures using the fast.ai deep learning library.

Sensifai

Jun. 2019 – Sep. 2019

Machine Learning Engineer Intern

- Set up a real-time object detection pipeline on a piece of specialized hardware called Coral Dev Board using Tensorflow, which helped me better understand the practical aspects of machine learning in real-world settings.

Boghche

Jun. 2017 – Sep. 2017

Back-end Developer Intern

- Developed a telegram bot that received and registered customer order in the central system using Node.js; this software surpassed the existing smartphone applications the startup already had in terms of customer usage.

RELEVANT PROJECTS AND EXTRACURRICULAR ACTIVITIES

Auto-Shakespeare – Course Project

Fall 2019

An RNN with a character-level language model that generates text resembling Shakespeare's writing style using PyTorch - [see repository](#)

Deep Learning Specialization by DeepLearning.AI – Coursera

Jul. 2020 – Dec. 2020

Includes courses on Sequence Models, Convolutional Neural Networks, hyperparameter tuning techniques, and structuring machine learning projects - [see certificate](#)

TECHNICAL SKILLS

- Machine Learning: PyTorch, Fast.ai, Scikit-learn, Tensorflow, Matplotlib, Jupyter Notebooks, NLTK
- Programming Languages: Python, Javascript, C/C++, Java