Daniel Eftekhari
email: defte@cs.toronto.edu
May 2025

Education

2024 – Present
Doctor of Philosophy (PhD) in Computer Science
Department of Computer Science, University of Toronto

2022 – 2023
Master of Science (MSc) in Computer Science
Department of Computer Science, University of Toronto

2016 – 2018
Master of Applied Science (MASc) in Biomedical Engineering
Faculty of Applied Science & Engineering, University of Toronto

2012 – 2016
Bachelor of Applied Science in Engineering Science (BASc in EngSci), with Honours
Division of Engineering Science, University of Toronto

Publications

- **ICML 2025**: **On the Importance of Gaussianizing Representations**
  Daniel Eftekhari, Vardan Papyan
  Paper | Code

Work Experience

September 2021 – May 2022
Deep Learning Engineer, Untether AI

June 2018 – September 2021
Machine Learning Engineer, 16 Bit

Awards & Distinctions

- $15,000 Graduate Scholarship in Science & Technology 2024
- $17,500 Canada Graduate Scholarship (CGS) M NSERC 2023
- $15,000 Ontario Graduate Scholarship 2017
- $7,000 Sunnybrook Brain Sciences Program Summer Research Award 2014
- $5,000 University of Toronto Scholar 2012

Teaching

Teaching Assistant, University of Toronto

- Probabilistic Learning and Reasoning (CSC412/CSC2506) 2024
- Statistical Methods for Machine Learning II (STA414/STA2104) 2023
- Statistical Methods for Machine Learning I (STA314) 2022
- Engineering Mathematics & Computation (ESC103) 2017
- Engineering and Society (ESC203) 2016

Highlighted Graduate Courses

- A Topics in Machine Learning: Generative AI for Images (CSC2541) 2024
- A+ Multiuser Information Theory (ECE1508) 2024
- A Algorithms for Private Data Analysis (CSC2412) 2023
- A Information Theory (ECE1502) 2022

Theses

- A Machine Learning Approach to Distinguishing between Multiple Sclerosis and Cerebral Small Vessel Disease 2018
  Thesis

Patents

- Systems and methods for approximating bone mineral density and fracture risk using single energy x-rays Patent 2020

International Machine Learning Competitions

- RSNA Pneumonia Detection Kaggle Competition 2018
  Role: First Author; Place: 4th/1499. Report

Review

- Conference on Bioinspired Processing (BIP) 2019
- IEEE International Work Conference on Bioinspired Intelligence (IWOBI) 2018

Invited Talks & Presentations

- Calgary AI Workshop 2018
- Mi-AI Workshop, Department of Medical Imaging, University of Toronto 2018

Societies & Volunteer Activities

- Soccer Coach, North Toronto Soccer Club 2016
- Journal Director & Editor, GSUEJ, U of T 2015 – 2016
- Captain & Team Member, Intramurals Soccer, U of T 2013 – 2015
- District Level Referee, Ontario Soccer Association, Canada Soccer 2011 – 2013