Sajad Dadgar

Computer Science

University of Calgary
Calgary, AB

+1 (647) 674-9398

Sajad.dadgar97@gmail.com

sajaddadgar.github.io/portfolio

linkedin.com/sajaddadgar

github.com/sajaddadgar

Google Scholar ORCID

Computer skills

- Python
- Java
- TensorFlow
- PyTorch
- MySQL
- MongoDB
- Django
- Spring
- JavaScript
- Node.js
- Docker
- Git
- Html
- CSS
- Tableau
- Matlab
- Microsoft Office
- LaTeX
- Photoshop

Scholarships & Honors

- International Graduate Student Recruitment Award
- International Graduate Tuition Award
- Offered changing major from Mathematics to Computer Science as an outstanding talent student in B.Sc.

Personal Skills


Analytical Thinker


Dedicated


Quick Learner


Team Player


Energetic


Creative

Languages

- Persian (Native)
- English

TOEFL score: 101/120

Education

- **Computer Science, M.Sc.** (2023-2025)
  University of Calgary
  Research Interest: Machine Learning, Deep Learning, Artificial Intelligence, Cybersecurity
- **Computer Science, B.Sc.**
  Amirkabir University of Technology (GPA : 3.35 / 4) (2016-2021)
  Relevant Courses: Artificial Intelligence, Neural Network, Data Mining, Database, Principles of Software Design, Design & Analysis of Algorithms, Graph Theory, etc.
  Thesis title: **Identify misinformation about Covid-19 on social media.**

Publications

- **Dadgar, S.**, & Prof. Ghatee, M. (2021). **Checkovid: A COVID-19 Misinformation Detection System on Twitter Using Network and Content Mining Perspective**. doi.org/10.48550/arXiv.2107.09768
- **Dadgar, S.**, & Dr. Neshat, M. (2022). **Comparative Hybrid Deep Convolutional Learning Framework with Transfer Learning for Diagnosis of Lung Cancer.** (Accepted at 14th International Conference on Soft Computing and Pattern Recognition (SoCPaR 2022) - Springer)
- **Dadgar, S.**, & Dr. Neshat, M. (2022). **A Novel Hybrid Multi-Modal Deep Learning for Detecting Hashtag Incongruity on Social Media.** (Published by Sensors Journal). doi.org/10.3390/s22249870
- Dadgar, B. & **Dadgar, S. The role of COVID-19 pandemic in the growth of green fintech: Driver or barrier?** Book chapter to be published by Palgrave Macmillan on 2023 (Proposal Accepted – Full chapter is under review).
- **Dadgar, S.**, & Dr. Neshat, M. (2024). **Technical report of the machine learning methods application for wave energy prediction.** (Working paper)

Work Experiences & Teaching Experiences

- **Teacher Assistant of "Web-Based System" Course** (Fall 2023)
  @Department of Computer Science - University of Calgary
- **Research Assistant – Medical Image Processing** (2021-2022)
  (Under Supervision of Dr. Mehdi Neshat – UniSA)
- **Teacher Assistant of "Artificial Intelligence" Course** (Spring - 2021)
  (Professor Mehdi Ghatee) @AUT
- **Software Development Internship** (Summer - 2019)
  @Rahnema College
- **Head of Informatic and Contests of Students' Scientific Association** (2018-2019)
  @Department of Mathematics and Computer Science - AUT

Projects

- **Cando - Mobile Application for Auction** (Summer - 2019)
  (Project of the Rahnema College internship) - GitHub
- **Call of Typing – Website for Typing Competition** (Spring -2020)
  (Project of Principle of Software Design Course) - GitHub
- **MFCC Speech Recognition** (Spring -2020)
  (Project of Neural Network Course) - GitHub
- **Data Analyzing of Digikala's Dataset** (Spring -2019)
  (Project of Database Course) - GitHub
- **Desktop Education Portal** (Fall -2017)
  (Project of Advanced Programming Course) - GitHub

Certifications

- Machine Learning - Stanford University Online Course @Coursera (2019)
- Machine Learning A-Z™: Hands-On Python in Data Science @Udemy (2020)
- Deep Learning A-Z™: Hands-On Artificial Neural Networks @Udemy (2020)
- Java J2EE Developer @LAITEC – Sharif University of Technology (2018)
- JavaSE Developer @LAITEC – Sharif University of Technology (2017)