

Ainaz Alavi

✉ ainaz.alavi@gmail.com ☎ +1 (905) 924-7550 📞 Ainaz Alv 🌐 Ainaz Alavi

Research Interest: **Machine learning, Adversarial Machine Learning, AI Ethics**

Education

2024-Present	Ontario Tech University - Oshawa - Canada Master of Computer Science
2017-2021	Alzahra university - Tehran - Iran Bachelor of Computer Science

Teaching Experience

2024	Teaching Assistant–“Statistics for Business” Leading Discussion Sections -Grading assignments
2022	Teaching Assistant–“Introduction to Python Programming” Delivering lectures -Grading assignments and papers
2020	Teaching Assistant–“Introduction to Operating Systems and softwares” Assisting faculty with classroom instruction, records, and assignments -Calculating grades

Work Experience

2024	Research Assistant at Trustworthy AI Lab at Ontario Tech University - Oshawa - Canada
2023	Data science intern at MTN Irancell - Tehran- Iran
2022	Data analyst at Hamkadeh Co. - Tehran- Iran
2021	Data analyst at University of Limerick - Limerick - Ireland
2019-2021	Member of student’s scientific association of Alzahra University
2019	Member of the executive committee of Alzahra problem-based learning workshop

Publications

2022	Finbarr Murphy, Ainaz Alavi , Martin Mullins, Irini Fuxhi, Arash Kia and Myles Kingston “The risk perception of nanotechnology: evidence from twitter”
------	---

Technical skills

- Proficient in Python and its required libraries for data analysis and machine learning (NumPy, Matplotlib, Pandas, Scikit-learn, TensorFlow, PyTorch, Keras)
- Proficient in Java (developed multiple university projects such as a compiler)
- Experience applying machine learning techniques in the field of Adversarial Learning.
- Proficient in using spreadsheets for data analysis (MS excel, google sheet)
- Experience with social media data analytics (Twitter and Youtube)
- Familiar with machine learning algorithms and have used them in a stock market price trend prediction project
- Familiar with C, C++, C#, CSS and Java script
- Familiar with Tableau and Design and build dashboards, reports, and supporting data tables.
- Familiar with SQL

Honors and Awards

- Ranked among the Top 1% of Students in The National Exam of Universities (more than 300,000 participants), Iran, 2017
- Accepted in the National Entrance Examination of NODET (National Organization for Development of Exceptional Talents) schools, Iran, 2010

Language

- English: Speak fluently and read/write with high proficiency
Academic IELTS Score 7.5 (Reading 8, Listening 8.5, Speaking 7, Writing 6.5)
- Farsi: Native
- French: Beginner

Hobbies

- Ballet: Vaganova and Cecchetti
- Theater: Performed major roles in "Felezat Chakoshkhar "
- Drums: studied drums at Modern Music School
- Yoga
- Gymnastics

References

- Dr. Peter Lewis, Canada Research Chair in Trustworthy Artificial Intelligence- Associate Professor,
peter.lewis@ontariotechu.ca
- Dr. Arash Negahdari Kia, Assistant Professor, University of Limerick
Arash.Kia@ul.ie