

Shahriar Shayesteh

PhD Student, Pennsylvania State University, State College, USA
Shahriar.shayesteh92@gmail.com — Professional Website

RESEARCH INTERESTS

My research focuses on NLP, Human-Centered AI, and Responsible AI, with an emphasis on the safety, privacy, and alignment of Large Language Models (LLMs) through techniques like RLHF and RLAIF. I also explore LLM agents and multi-agent systems as a new research direction.

EDUCATION

Pennsylvania State University

Ph.D. In Informatics

Supervisor: Dr. Shomir Wilson, Dr. Lee Giles

Concentration: NLP and Human-Centered AI

Fall 2023 — Fall 2026 (Expected)

GPA: 3.97/4.0

University of Ottawa

Masters of Computer Science

Supervisor: Dr. Inkpen

Concentration: Applied Artificial Intelligence

Jan 2021 — June 2023

GPA: 4.0/4.0

The University of British Columbia

Non-Degree Program

Concentration: Computer Science and Statistics

Sep 2017 — May 2020

GPA: 3.73/4.0

Ferdowsi University of Mashhad

Bachelor of Science, Electrical Engineering

Concentration: Telecommunications Engineering

Sep 2010 — Sep 2015

GPA: 14.46/20

ACADEMIC EXPERIENCE

The Human Language Technologies Lab at Penn State

Fall 2023 — Fall 2026 (Expected)

- Research Field: PrivaSeer (Privacy Policy Analysis Project)

Mila Institute, Summer School on Responsible AI and Human Rights

June 2023 — June 2023

- Research Field: Analyzing challenges and potentials in Responsible AI design.

NLP Laboratory University of Ottawa

Jan 2021 — June 2023

- Research Field: Mitigating Social Bias in Semi-Supervised Text Classification.

RESEARCH INTERNSHIP EXPERIENCE

Department of Canadian Heritage

Feb 2022 — April 2022

- Research Focus: AI-Driven Qualitative Analysis of Unstructured Text on the Challenges Faced by Canadian Artists During COVID-19.

PUBLICATIONS

Generative Adversarial learning with Negative Data Augmentation for Semi-supervised Text Classification

Vol. 35 (2022): Proceedings of FLAIRS-35

Authors: Shahriar Shayesteh, Diana Inkpen

THESES

Master's Thesis: Social Fairness in Semi-Supervised Toxicity Text Classification

2023, University of Ottawa

Author: Shahriar Shayesteh

AWARDS

Full Assistantship from the University of Ottawa

Jan 2021 — June 2023

- For academic excellence and research potential.

Graduate Research Assistantship (GRA) at Penn State University

Fall 2023 — Fall 2026 (Expected)

- For outstanding research capabilities.

TEACHING ASSISTANT EXPERIENCE

CSI5389 Electronic Commerce Technologies

Winter 2023

The University of Ottawa

Professor: Thomas Tran

ITI1121 Introduction To Computing II

Fall 2022

The University of Ottawa

Professor: Abdorrahim Bahrami

ITI1121 Introduction To Computing II

Winter 2022

The University of Ottawa

Professor: Wail Mardini

ITI1120 Introduction To Computing I

Fall 2021

The University of Ottawa

Professor: Mohammad Aljaafreh

CPSC 340 Machine Learning and Data Mining

Summer 2021

The University of British Columbia

Professor: Nam Hee Gordon Kim

CPSC 540/440 Advanced Machine Learning

Winter 2021

The University of British Columbia

Professor: Mark Schmidt

CPSC 340 Machine Learning and Data Mining (Head TA)

Fall 2020

The University of British Columbia

Professor: Frank Wood

CPSC 340 Machine Learning and Data Mining

Summer 2020

The University of British Columbia

Professor: Ali Reza Shafaei

CPSC 340 Machine Learning and Data Mining

Fall 2019

The University of British Columbia

Professor: Mark Schmidt

SKILLS

- **Programming:** Python, Java, C++, SQL
- **Software:** PyTorch, LangChain, AutoGen, TensorFlow, Scikit-learn

REFERENCES

Prof. Shomir Wilson

Assitant Professor, Department of Information Sciences and Technology, Pennsylvania State University, State College, USA

E-mail: shomirwilson@psu.edu

Prof. Diana Inkpen

Professor, School of Electrical Engineering and Computer Science, University of Ottawa, Ottawa, Canada

E-mail: diana.inkpen@uottawa.ca