

Hello, my name is **Davide Gentile** and I am a data scientist based in Toronto.

Work

Scientific researcher @ University of Toronto (2019 - Present)

- Leading the experimental and analytical teams at the Cognitive Engineering Lab on projects funded by the Natural Science and Engineering Council of Canada and the Canadian Nuclear Safety Commission;
- Published 5+ peer-reviewed papers, presented studies at international conferences, and have trained 400+ students in statistics, design of experiments, and machine learning.

Data science consultant @ Armilla AI (2024)

- Developed risk assessment frameworks to evaluate AI models across dimensions such as bias, fairness, and performance and ensure regulatory standards;
- Collaborated with cross-functional teams to deploy robust AI solutions for automated customer assistance.

Research intern @ Ericsson (2020 - 2023)

- Led the human-subjects evaluation of machine learning software to improve model interpretation and decision-making by Ericsson's data science teams.

Earlier positions

Researcher @ ARiEAL (2017 - 2019)

- ARiEAL is the Center for Advanced Research in Experimental and Applied Linguistics at McMaster University, where I conducted quantitative analyses for applied linguistics research.

Education

Ph.D., University of Toronto, Industrial Engineering, 2019 – 2024

M.Sc., McMaster University, Cognitive Science of Language, 2017 – 2019

B.A., Alma Mater Studiorum - Università di Bologna, Lettere Moderne, 2014 - 2017

Why I love this job

I have a passion for improving the quality of human decisions, and love to find the signal in the noise through the combination of problem-solving and analytical thinking.

Contact

gentiledv@gmail.com

+1 416-302-2124

Take a look at my website: gentiled.github.io

ME

5+ years experience
in data science, research
leadership, and project
management;
Servant leader
Fail to succeed
United in diversity
Purpose-driven
Resilient innovator

SKILLS

Statistical modeling
Experimental design
Machine learning
Data visualization
Human subjects research
Metrics development
Prototyping

TOOLS

R, RStudio
Quarto
Python
Books
Scientific articles

LANGUAGES

Italian
English
Latin