

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 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.

### 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 through the combination of data, analytical thinking and problem-solving.

## Contact

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Take a look at my website: [gentiled.github.io](https://gentiled.github.io)

## ME

5+ years experience  
in data science, research  
leadership, and project  
management;  
Servant leader  
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