

Alex Carriero

📍 Utrecht, Netherlands

✉ a.carriero@students.uu.nl

🇨🇦 Canadian, Italian

Education

2023 **MSc, Methodology and Statistics**, *Utrecht University*

2021 **BSc, Physical Science**, *University of Guelph*
4.0 GPA

Thesis: Simulation-based comparison of statistical methods for modelling clustered data in the presence of small cluster sizes.

Professional Experience

2022 – present **Teaching Assistant**, *University Medical Center Utrecht*
Teaching assistant for statistics courses in the epidemiology and medicine Master's Programmes at Utrecht University. Developed teaching materials and ran tutorial sessions, to help students with their programming skills and statistical knowledge.

2022 **Teaching Assistant**, *Utrecht University*
Teaching assistant for ARMS Bachelor's psychology course. Ran tutorial sessions which involved lecturing, moderating class discussions and answering questions.

2021 – 2022 **Research Assistant**, *Utrecht University*
Conducted extensive testing of functions in the package CTmeta (Kuiper, 2020). This included testing input and output of functions, modifying documentation and tutorials and when required, and fixing bugs in the functions themselves.

2018 – 2021 **Mathematics and Statistics Tutor**, *Self Employed*
Tutored a wide range of students in various mathematics and statistics topics.

2018 – 2020 **Barista**, *Red Brick Cafe*
Made beautiful coffees for the community of Guelph.

Skills

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| R | GitHub |
| Python | R Markdown |
| LaTeX | Shiny |