Alex Carriero

⊙ Utrecht, Netherlands   ✉ a.carriero@students.uu.nl   ⚑ Canadian, Italian

EDUCATION

MSc, Methodology and Statistics for the Behavioural, BioMedical and Social Sciences   present
Utrecht University

BSc, Physical Science   2021
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

Teaching Assistant   2022 – present
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.

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

Research Assistant   2021 – 2022
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.

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

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

AWARDS

University of Guelph President's Scholarship   2013
University of Guelph

Weiner Family Mathematical Science Scholarship   2020
University of Guelph
Awarded to the student with the highest average in the Mathematics / Statistics department.

R. A. Fisher Statistics Scholarship   2020
University of Guelph
Awarded to the student with the highest average over a set of introductory statistics courses.

SKILLS

R | GitHub | R Markdown | LaTex | Python | Shiny | Tidyverse | Data Visualization | JASP | JAGS