

Nigel van Herwijnen | MSc

Education

- 2017–2021 **Master's in Computational Science**, *University of Amsterdam / Vrij Universiteit Amsterdam*, 126 ECTS
Interdisciplinary master focused on complexity science using modelling and simulations.
Thesis title: Social Network Dynamics in School Choice and School Segregation
- 2012–2017 **Bachelor's in Physics and Astronomy**, *University of Amsterdam*, 198 ECTS
Minor in programming
Thesis title: System Size and Quench Temperature Dependencies in the Stiffness of Amorphous Solids

Experience

- Oct 2022–
Sep 2026 **PhD student**, *Social Cohesion in European Societies: An Agent-Based Modelling Approach*
Doctoral student in Social and Cultural Anthropology at the Universitat Autònoma de Barcelona and in Economic Sociology and Labour Studies at the Università degli Studi di Milano (under cotutelle).
- Mar 2022–
Sep 2022 **Course developer**, *Winc Academy*
Course developer (mainly courses on data analysis) for an upskilling and reskilling organization.
- Jan 2022– Feb
2022 **Teaching assistant**, *University of Amsterdam*
Teaching assistant in the master Computational Science for a course on Agent-based modelling.
- Feb 2021– Jul
2021 **Junior researcher**, *Dutch Institute for Crime and Law Enforcement (NSCR)*, Amsterdam
Part of a research group that analyses video footage of the streets of Amsterdam to find a link between outside social distance violations and the spreading of COVID-19.
- Jan 2018–
Mar 2020 **Teaching assistant**, *University of Amsterdam*
Teaching assistant for a total of 16 courses (6 ECTS each) on programming in C and Python, web development, data visualization and heuristics.

Participation in conferences, seminars and workshops

- Sep 2023 **Oral conference presentation**, *European Conference on Social Networks 2023*
- Feb 2023 **Theory, Methods, and Applications of Personal Networks**, *GRAFO Winter School UAB*
One-week full time program
- Jan 2023 **Communicating Science**, *UAB doctoral course*
- Sep 2022 **Agent-based modelling for social scientists**, *BEHAVE Lab Summer School Brescia*
Two-week full time program

Publications and pre-prints

- 2021 **One Year of Social Distancing Behavior on the Streets of Amsterdam**, *Pre-print published (link: NSCR)*
W. Bernasco, L. S. Liebst, T. van der Veen, N. van Herwijnen, J. Appelman, J. Thomas, K. Bijleveld, D. Koelma, P. Ejbye-Ernst, E. Hoebe, C. Snoek, M. R. Lindegaard