

CONNOR GILROY

Computational sociologist & PhD student

Currently searching for summer internships in data science or social science.



EDUCATION

expected
2022
|
2018

University of Washington

PhD, Sociology

Seattle, WA

Comprehensive Exam: "Community: Origins, Processes, and Consequences." *Passed with distinction, June 2019*

Certificate: Special Concentration in Social Statistics. *May 2019*

2018
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2015

University of Washington

MA, Sociology

Seattle, WA

Thesis: "How Distinct is Gay Neighborhood Change? Patterns and Variation in Gayborhood Trajectories."
Graduate School Distinguished Thesis Award in Social Sciences, 2019

2013
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2009

University of Chicago

BA, Biology and Geophysical Sciences

Chicago, IL

Minor in Gender and Sexuality Studies



EXPERIENCE

present
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2016

Graduate Teaching Assistant & Instructor

University of Washington

Seattle, WA

- Taught sections at the undergraduate and graduate levels, such as sociological theory, data science and population processes, and Bayesian statistics for the social sciences | *R, Stata, Stan*
- Designed and taught an undergraduate course in Data and Society | *R*

2017
|
2015

Graduate Research Assistant

University of Washington

Seattle, WA

- Awarded two years of competitive research fellowships
- Built agent-based model of public opinion change in response to LGBTQ people coming out (with Katherine Stovel) | *NetLogo, R (igraph)*
- Analyzed processes of sexuality disclosure using aggregate social media data (with Ridhi Kashyap) | *Python (facebookads), R (tidyverse)*

2015
|
2013

Quality Assurance

Epic Systems Corporation

Verona, WI

- Automated testing of web services | *C# (Selenium), Python (requests)*
- Manual testing and project management for EHR software | *Excel*

CONTACT

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🔗 github.com/ccgilroy

🐦 [@ccgilroy](https://twitter.com/ccgilroy)

☎ 731-225-0001

SKILLS

Programming: R, Python, Stan

Data science: Statistical modeling and data visualization of survey, network, spatial, and text data. Combining disparate data sources, including from web-scraping and APIs.

WORKSHOPS

CSS workshops organized:

[SICSS-Seattle](#) (2018)
[IUSSP training workshop on digital demography](#) (Cape Town, 2017)
[Computational Demography Working Group](#) (UW, 2018-present)

This resume was made with the R package [pagedown](#).

Last updated on 2019-12-13.



PUBLICATIONS

2019

- **Humans in the Loop: Incorporating Expert and Crowdsourced Knowledge for Predictions using Social Survey Data.**

forthcoming in *Socius*

Anna Filippova, **Connor Gilroy**, Ridhi Kashyap, Antje Kirchner, Allison C. Morgan, Kivan Polimis, Adaner Usmani, and Tong Wang. (corresponding author)

Reproducible code on [GitHub](#)