

SAMUEL SHAW

CONTACT



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WEBSITES, PORTFOLIOS, PROFILES

- [linkedin.com/in/samuel-shaw-sammy-shaw/](https://www.linkedin.com/in/samuel-shaw-sammy-shaw/)
- <https://sammyshaw.github.io/>
- <https://github.com/SammyShaw>

SKILLS

R | Python | SQL | Tableau | SPSS | ATLAS.ti | Statistical Modeling | A/B Testing | Hypothesis Testing | Machine Learning | Data Cleaning & Processing | Data Visualization | End-to-end Research | Survey Methods | Experimental Design | UX research | Ethnography | In-depth Interviews | Quantitative Methods | Qualitative Methods | Sociology | Economics | Urban Housing and Development | Education | Business Analytics

CERTIFICATIONS

Data Science Infinity (in progress)

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research
Statistical Inference
Regression Models
Foundations of UX Design
UX Design Process: Empathize, Define, Ideate

PhD, data scientist and researcher with over a decade of academic expertise in quantitative and qualitative methods, research design, data cleaning and analysis. Transitioning to industry data science and analytics, with hands on experience in R, Python, SQL, and Tableau. Proven ability to translate complex data into actionable insights, visualizations, and reports.

RECENT EXPERIENCE

August 2020 - June 2024

Social Science Faculty *Eastside Preparatory School*, Kirkland, WA

- Authored over 400 educational resources, including differentiated lesson plans, visual aids and project-based activities to improve learning experiences for all students.
- Collaborated in curriculum updates for over 500 diverse learners to adapt to rapidly changing sociocultural environment.
- Pioneered social science curriculum to emphasize *science* including, reproducible research, data analysis, and hypothesis testing.
- Executed transparent communications with students, parents, learning support, professionals and counselors to build individual success plans for over 50 student-advisees.
- Partnered with faculty on interdisciplinary projects that connected social sciences with real-world applications, inspiring students to think globally.

August 2019 – July 2020

Social Science Faculty *Seattle Waldorf School*, Seattle, WA

Aug 2014 – July 2017

Lecturer in American Studies *Vanderbilt University*, Nashville, TN

RESEARCH

March 2016 - November 2016

Consultant Analyst/Researcher *The Aspen Institute*, New York, NY

- Collected and analyzed quantitative data and authored report in support of Senate Bill (S.977 – American Too Royalties Act).
- Delivered insights to foster engagement and overall understanding to foundation chairs and policy representatives at Artist-Endowed Foundation Leadership Forum in New York.

August 2013 - July 2014

Research Fellow/Lead Researcher *Curb Center for the Arts and Public Policy*, Nashville, TN

- Designed and conducted the Wedgewood-Houston Art District neighborhood study, interviewing over 20 community stakeholders in conjunction with data from the *American Community Survey*.
- Authored policy paper to the benefit of 500 local community members and the greater city of Nashville, TN.

August 2006 - July 2013

Graduate Researcher *Vanderbilt University*, Nashville, TN

- Conducted 75+ in-depth interviews, 2 years of immersive ethnography, and drew from American Community Survey data to assess artists' career paths, urban development, and social impacts.
- Identified funding opportunities, prepared and managed budgets for three successful research grant proposals.
- Assisted and coordinated research projects and developed comprehensive research plans, to help ensure research meet objectives within specified timeframes with a 100% project completion rate.
- Authored four peer-reviewed publications on the topics of urban development and cultural production.

EDUCATION

Ph.D. Sociology

Vanderbilt University, Nashville, TN

- Media Editor, *American Sociological Review*
- Deputy Editor, *Work & Occupations*

Master of Arts Sociology

Portland State University, Portland, OR

Bachelor of Arts Sociology

University of Oregon, Eugene, OR