

Ethan Sansom

ethan.sansom@mail.utoronto.ca | (647) 202-5254 | 304-3024 Dundas St. W, Toronto, ON

EDUCATION

Honors Bachelor of Science

2018 - 2022

University of Toronto

- Majors in Statistics and Economics, Minor in Mathematical Sciences
- Graduated with High Distinction (GPA 3.6)

EXPERIENCE

Research Assistant

Sep. 2022 - Present

University of Toronto, Supervisor: Professor Eva Vivalt

- Assist with the development of pre-analysis plans for a randomized control trial studying the causal impacts of universal basic income programs.
- Create, document, and maintain R software tools used by the research team to conduct reproducible data cleaning and analysis.
- Analyze survey, financial, and GPS datasets to identify sources of participant attrition.

Data Analyst

Sep. 2022 - Present

Clean Air Partnership, Toronto

- Develop statistical models to estimate vehicle kilometers travelled in Ontario municipalities using Ontario Ministry of Transportation vehicle registration data.
- Generate automated reports to communicate analysis results and methodology to municipal stakeholders.

Intern Data Analyst

Apr. 2022 - Aug. 2022

Clean Air Partnership, Toronto

- Evaluated the public perception of the City of Toronto's ActiveTO transportation infrastructure program.
- Identified geographical gaps in ActiveTO infrastructure coverage using public survey data.

Research Assistant

Sep. 2021 - Aug. 2022

University of Toronto, Supervisor: Professor Laura Derksen

- Studied the causal effects of exclusive internet access on social network formation in Malawian secondary schools.
- Implemented fixed-effects models to estimate the impact of information access on network centrality.

Research Opportunity Program Student

Mar. 2021 - Apr. 2022

University of Toronto, Supervisor: Professor Phillip Oreopolous

- Collected qualitative data on student's learning preferences for a randomized control trial studying the efficacy of Khan Academy as a teaching supplement.

HONOURS AND AWARDS

Dean's List Scholar 2020-2022
University of Toronto

Mathematical and Computational Sciences Honor Roll 2021-2022
University of Toronto

VOLUNTEER EXPERIENCE

Community Co-Lead Sep. 2021 - Present
Data for Good, Toronto

- Organize events for volunteer data scientists, analysts, and developers to provide free data analysis services to not-for-profit organizations.
- Recruit volunteers through social media campaigns and networking events.

Volunteer Presenter Feb. 2022 - Present
Civic Tech Toronto

- Presented my undergraduate term paper “The Relationship Between Visible Minority Population, Household Income, and Urban Street Tree Density in Toronto Neighborhoods” at a Civic Tech Toronto event.
- Participate in community events for civic and data professionals in Toronto.