

Education

2013–2017 **B.A., Macalester College**, St. Paul, MN
Statistics, Economics

GPA: 3.65

Awards and Honors

- Dewitt Wallace Distinguished Scholar, 2013-7
- Dean's List, 2013-5

Experience

Sept. 2017 - **Data Associate.**

Feb. 2019 *Mathematica Policy Research*, Cambridge MA

- Build dynamic web apps using JavaScript, HTML, and CSS for the Centers for Medicaid & Medicare Services;
- Develop and implement statistical models to evaluate the impact of Medicare intervention programs;
- Create static data visualizations in D3 to plot and map results from statistical models.

Dec. 2016 - **Data Visualization Consultant.**

June 2017 *Bill & Melinda Gates Foundation*, Seattle WA

- Quantify and visualize gaps between health services and patient care among Kenyan households;
- Prepare visuals, analysis, and discussion for articles in the *Journal of Infectious Disease*.

Independent & Freelance Projects

Dec. 2018 - **Data working group lead.**

current *Court Watch NYC*, New York NY

- Re-structure the data collection, data storage, and data analysis processes at a district attorney watchdog organization overseeing arraignment court proceedings.

Jan. 2019 - **Organizer.**

current *Prison Abolition Group (DSA)*, Brooklyn NY

- Advocate for decarceration and prison divestment locally and nationally.

April 2018 **Communicating Far-Right Patterns on YouTube.**

Data & Society, New York NY

- Researched and wrote a report on far-right influencers on YouTube, including graphs, text, and interactive digital media;
- Used the report to facilitate a conversation with researchers on how to communicate results using data visualization.

Sept. 2016 - **An Analysis of Body-Worn Cameras in Officer-Involved Shootings.**

June 2017 *Statistics Honors Thesis*, Macalester College St. Paul MN

- Researched and analyzed the relationship between body-worn cameras and victim race in officer-involved shootings using data from the Washington Post's "Fatal Force" database;
- Received the David Bressoud prize for excellence in communication of mathematics and social issues.

Information Technology

Advanced Python, R, JavaScript, HTML, CSS, Git, Julia, LaTeX, Microsoft Office

Intermediate Ruby, Bash, Processing, AWS, Tableau

Basic SQL, PostgreSQL, Haskell

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