

## 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, Julia, Git, LaTeX, Microsoft Office

Intermediate JavaScript, HTML, CSS, Bash, Processing, AWS, Tableau

Basic SQL, Ruby, Haskell

490 Kosciuszko Street, Apt. 4R – Brooklyn, NY 11221

📞 (206) 909.7183 • ✉ [hopecaneel \[a t \] gmail.com](mailto:hopecaneel[at]gmail.com) • <https://hjohns12.github.io/>