

# Annie Y. Chen

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## Data Analyst Experience

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**DATA SCIENTIST**, *Sept. 2021 -*  
[CUNY INSTITUTE FOR LOCAL AND STATE GOVERNANCE](#)

- Import, validate, normalize, merge, restructure, and clean body-worn camera metadata and stop-and-frisk data to support a [study](#) on officer legal compliance in police-citizen encounters by the NYPD
- Write Quality Assurance programs for case-level administrative data files in analysis of monthly and yearly [Safety and Justice Challenge](#) reports
- Assist data collection and analysis of performance measurements in the evaluation of the [NYPD Reform Plan](#)

**RESEARCH ASSOCIATE**, *Aug. 2020 - Aug. 2021*  
QUANTITATIVE SOCIAL SCIENCE, DARTMOUTH COLLEGE  
RESEARCH FELLOW, [BRIGHT LINE WATCH](#)

- Wrangle web behavior data, run regressions, and produce data visualizations for project on the consumption of political extremist content on YouTube
- Build data pipeline to collect Twitter data of U.S. state legislators and local government officials
- Help design an experiment investigating how changes in news feed algorithms influence engagement with untrustworthy content
- Analyze Americans' attitudes toward democracy and confidence in elections before and following the 2020 presidential election with a nationally representative survey panel
- Develop and deploy Shiny dashboard with interactive graphs
- Manage a team of undergraduate students on hand-coding tasks
- Provide administrative support for Bright Line Watch, including maintenance of the organization's website

**RESEARCH ASSISTANT**, *Apr. 2019 - Aug. 2020*  
[DEMOTIP LAB](#), PI: AARON ERLICH

[CENTRE FOR THE STUDY OF DEMOCRATIC CITIZENSHIP](#)

- Programmed conjoint survey experiments in Qualtrics with Javascript. Analyzed results of experiments fielded in Nigeria and Canada
- Ran Facebook advertising campaigns to survey hard-to-reach migrant populations.
- Explored weighting and matching procedures to align demographic profile of sample to census or other nationally representative survey data
- Converted documents into machine-readable PDFs using OCR technology
- Conducted literature reviews and drafted research ethics board applications

## Selected Projects & Publications

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- Forthcoming in the Journal of Experimental Political Science: [Discriminatory Immigration Bans Elicit Anti-Americanism in Targeted Communities: Evidence from Nigerian Expatriates](#) (*Aug. 2021*)
- [Exposure to Alternative and Extremist Content on YouTube](#) (*Feb. 2021*)
- [American democracy at the start of the Biden presidency](#) (*Feb. 2021*)
- [A Democratic Stress Test — The 2020 Election and Its Aftermath](#) (*Nov. 2020*)
- [American Democracy on the Eve of the 2020 Election](#) (*Oct. 2020*)

## Technical Skills

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### PROGRAMMING & SOFTWARE

- R (i.e., [tidyverse](#), [Shiny](#))
- Python (i.e., [pandas](#), [selenium](#), [bs4](#))
- [Git](#) and [GitHub](#)
- I have basic familiarity with: [MySQL](#), [Julia](#), [Stata](#), [Javascript](#), [HTML](#)

### GENERAL COMPETENCIES

- data visualization
- econometrics
- survey methods
- experimental design
- webscraping

## Teaching

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- Causal inference [\[materials\]](#)
- Math and R (p)refresher workshops
- Intro to quantitative methodology in Political Science

## Awards and Distinctions

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- SSHRC Canada Graduate Scholarship (2018-2019) - \$17,500
- Centre for the Study of Democratic Citizenship Scholarship (2018) - \$2,500
- Woodsworth College Wilcox Travel Abroad Award (2016) - \$1,800
- International Course Module recipient (2016)
- Dean's List (2013-2017)

## Languages

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French (Professional working proficiency)  
Cantonese (Elementary proficiency)

## Education

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M.A. POLITICAL SCIENCE  
McGill University, GPA: 4.0/4.0  
(2018-2020)

B.A. POLITICAL SCIENCE & CRIMINOLOGY  
University of Toronto, GPA: 3.8/4.0  
(2013-2017)