Annie Y. Chen

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Research Experience

RESEARCH FELLOW, *Aug. 2020 - Aug. 2021*
BRIGHT LINE WATCH, DARTMOUTH COLLEGE

- Build pipeline to stream twitter data of U.S. state legislators and local government officials into `MySQL` database on Amazon RDS
- Wrangle web behavior data, run regressions, and produce data visualizations for project on the consumption of political extremist content on YouTube with Prof. Brendan Nyhan and collaborators at Northeastern University and the University of Exeter
- Help design an experiment investigating how changes in news feed algorithms influence engagement with untrustworthy content with Prof. Brendan Nyhan and researchers at the University of South Florida
- 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

GRADUATE RESEARCH ASSISTANT, *Apr. 2019 - Aug. 2020*
DEMOTIP LAB, PI: AARON ERLICH

- 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

CONTENT AND DATA RESEARCH INTERN, *Jan. - Apr. 2018*
CENTER FOR APPLIED COMMUNITY ENGAGEMENT

- Researched case studies of civic participation utilizing online platforms; managed and published content for open source catalogue's (ParticipatedB) global digital engagement tools
- Processed data from CACE's 2018 Digital Engagement Census and led its social media campaign

Selected Projects & Publications

POLITICAL EXTREMISM ON YOUTUBE
- Exposure to Alternative and Extremist Content on YouTube *(Feb. 2021)*

BRIGHT LINE WATCH
- 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)*

NIGERIANS AT HOME AND ABROAD
- Discriminatory Immigration Bans Elicit Anti-Americanism in Targeted Communities: Evidence from Nigerian Migrants *(Apr. 2020)*

Education

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)

Technical Skills

PROGRAMMING & SOFTWARE

- `R` (`tidyverse`, `Shiny`, etc.)
- `Python` (`pandas`, `selenium`, `bs4`)
- `Julia` (basic)
- `MySQL` (basic)
- `Javascript`, `HTML` (basic)
- `Git`

GENERAL COMPETENCIES

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

Teaching

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

Awards and Distinctions

- 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)