

# Xiaoyuan "Eric" Fan

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## EDUCATION

### Columbia University

*M.S., Journalism and M.S. Computer Science*

Coursework in Analysis of Algorithms, Artificial Intelligence, User Interface Design, Reporting and Investigative Techniques

New York, NY

Expected May 2022

### Emory University

*B.S., Statistics and Political Science.*

Atlanta, GA

May 2020

**Honors & Awards:** Dean's List \ Phi Beta Kappa \ Pi Sigma Alpha

Coursework included year-long investigative reporting at the **Georgia News Lab**, a partnership between top journalism programs in Georgia, the Atlanta Journal-Constitution and Georgia Public Broadcasting. Highlights include:

- Investigated poll changes in 7 Georgia counties by analyzing board minutes, precinct maps and election budgets.
- Tracked campaign finances, dug personal histories and conducted interviews to profile Georgia congressional candidates.
- Cleaned and aggregated data sets obtained through FOIA requests and provided data support for 12 other reporters.

## EXPERIENCE

### Dow Jones News Fund

*Data Journalism Intern at Georgia News Lab and Georgia Public Broadcasting*

Atlanta, GA

Summer 2020

Built a database of state-wide voter turnout across 5000+ precincts and four election cycles. Reported on and wrote about the 2020 Georgia primary as well as the county-level management of CARES Act funding. Highlights include:

- Cleaned and visualized (using R and Tableau) 500+ pages of government records, including voter demographics, polling location changes and absentee ballot applications, obtained through official databases and FOIA requests.
- Interviewed 15+ elected officials and local business owners who managed CARES Act funding or participated in the Paycheck Protection Program.
- Investigated the electoral effect of poll closures and published an interactive map informing voters of last-minute changes.
- Compiled and transcribed, in real-time, photos and interviews from field reporters into a live election blog on primary day.

### Council on Foreign Relations

*Asia Studies Intern*

New York, NY

Summer 2019

- Performed bilingual research and drafted policy memos on issues including the Belt and Road Initiative, China's renewable energy policies, the Shanghai Free Trade Zone and the U.S.-China trade war.
- Published an analysis of the technological potential and political risks for Huawei and ZTE, on CFR's policy blog.
- Prepared briefings on the Chinese medical industry's market access and intellectual property issues.

### The Carter Center

*China Program Intern*

Atlanta, GA

Summer 2018

- Performed bilingual research and prepared presentations on U.S.-China cooperation and confrontation in Africa.
- Drafted briefing materials and guest biographies for a high-level U.S.-China consultation forum held in Djibouti.
- Published analysis of Donald Trump's historic meeting with Kim Jong-un, receiving 7k+ views.

### Emory Journal of Asian Studies ([ejasonline.org](#))

*Co-Founder & Chief Editor*

Atlanta, GA

June 2018 – June 2020

- Founded the *Emory Journal of Asian Studies*, officially chartered by the Emory Media Council in November 2018.
- Recruited a team of 30 editors, ran weekly meetings and published four print issues, including two special symposiums with the Department of Russian and East Asian Languages and Cultures.
- Managed the online presence of the Journal including the EJAS Facebook page and [ejasonline.org](#).

## RESEARCH PROJECTS

### History Lab ([history-lab.org](#))

September 2020 – Present

One of 5 student researchers accepted into the Lab after a competitive process. Will work on building a database of local government records obtained by journalists through FOIA requests using natural language processing and machine learning.

### Gay Man Project R, Python, Stanford CoreNLP

September 2019 – Present

Used computational linguistics to analyze a 400-story corpus and found statistically significant differences in biographical narratives before and after coming out. Currently working on a paper with Professor Roberto Franzosi at Emory University.

## SKILLS & ACTIVITIES

**Language:** Native in Chinese (Mandarin)

**Technical:** R \ Java \ Python \ HTML \ CSS \ JavaScript \ LaTeX \ Tableau

**Membership:** Investigative Reporters and Editors \ Online News Association