

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 3 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