

## EDUCATION

### > Columbia University | Expected M.S. Data Journalism May 2020

Training in web scraping, machine learning, data cleaning, analysis, visualization and interactive storytelling. Projects include:

- > Mapped the Facebook events of 2020 Democratic presidential candidates to highlight campaign targets and forgotten communities. For example: Bernie Sanders and Elizabeth Warren were the only two candidates with efforts in Puerto Rico.
- > Master's project in progress examining the New York City's recycling habits over the last decade. Analysis found more affluent neighborhoods are recycling less than they were a decade ago, with the inverse true for poor neighborhoods.

### > Texas State University | B.S. Journalism May 2019

Summa Cum Laude, Honors College, Music minor

## EXPERIENCE

### > Data and Graphics Intern | NBC News

Jan. 2020 - Present | New York, New York

Daily responsibilities included handling graphics requests, working on long-term visualizations, researching and manually creating datasets, filing FOIAs, and writing memos.

- > Assisted in building a Node.js app for 2020 State of the Union coverage that tracked how many times President Trump mentioned a topic.
- > Covered debate nights, including live-blogging and visualizing candidate speaking time.
- > Collaborated with immigration labor reporter on data investigation into nonimmigrant visa wage theft. Data analysis of multiple datasets performed in Python using FuzzyWuzzy matching to create a master dataset.

### > Managing Editor | The University Star

Aug. 2018 - May 2019 | San Marcos, Texas

Started as news reporter Oct. 2017 covering Student Government, school finances and hate crimes. Rose up the ranks in the news desk to become Managing Editor in Aug. 2018. Managed a staff of 110. Oversaw all content and design for daily web and weekly print publication. Clips include:

- > Led investigation into Turning Points USA's financial ties to Student Government elections, which led to the student body president's resignation and a months-long investigation into the findings by a Student Government committee.

### > Managing Editor | Texas State Undergraduate Research Journal

Aug. 2016 - May 2019 | San Marcos, Texas

Edited, designed and curated content for 70-page annual academic journal of student research in multiple disciplines, including criminal justice, disparities in the beauty industry and aquifer regulations. Managed a team of seven editors.

Wrote guidebook for style preferences and succession planning. Promoted from editor to managing editor after a year.

## SKILLS

### > Data Collection & Analysis

Python (incl. Pandas)	Open Refine
BeautifulSoup	SQL
Selenium	FOIA/FOIL
Command Line	MAKE

### > Visualization & Publication

JavaScript (incl. D3)	Illustrator (incl. ai2html)
Node.js	QGIS
Mapbox, Leaflet	HTML, CSS & SCSS
Matplotlib, Altair	Adobe XD (wireframing)