



## WORK EXPERIENCE

### **The Wall Street Journal** Graphics Intern

Scraped + analyzed data, built interactives, and designed graphics for The Wall Street Journal's Business & Finance section in both print and online.

**New York, NY**  
June-Aug. 2019

### **The Guardian** Visuals Intern

Covered the 2018 midterm elections for the Guardian's Visuals team, building much of our election backend and live results page. Additionally, produced post-election analysis and other visual stories.

**London, UK**  
Sept-Dec. 2018

### **NBC** Multimedia Journalism Intern

Produced videos, graphics, and interactives for NBC's national newsroom, creating digital tools and experiences across NBC's 15 local websites.

**New York, NY**  
June-Aug. 2018

### **The Delta Center** Media Intern

Helped run the Delta Center's "Most Southern Place on Earth" NEH workshops by coordinating logistics, taking photos and video, producing multimedia stories, and designing printed marketing.

**Cleveland, MS**  
June-Aug. 2017

### **CustomInk** Software Engineering Intern, eCommerce

Entirely rebuilt an inventory management system, improving load times and reliability of the system using MySQL, MongoDB, Ruby on Rails, and Javascript.

**Fairfax, VA**  
June-Aug. 2016

## PORTFOLIO

### **To Rock the Charts in 2019, Bands Need a Little Help** Data, Interactive

Contributed data and visuals to a story showing how bands are gaming the Billboard charts — scraping data, building an interactive, and designing a full-width graphic for print.

**The Wall Street Journal**  
August 2019

### **Gun violence has sharply declined in the San Francisco Bay Area. What happened?** Interactive

Led design, development, and data visualization for the first story in The Guardian's series about gun violence in the San Francisco Bay Area.

**The Guardian**  
June 2019

### **2018 US Midterms: Live Results** Interactive, Data

Designed and built portions of The Guardian's elections stack, including backend data parsing, a staging environment, front-end React components, the ticker, and post-election graphics analyzing results.

**The Guardian**  
Nov. 2018

### **Facebook, the New Frontier of Political Ads** Writing, Interactive

An investigative story and interactive about the habits of political advertisers on Facebook, before the release of the company's Ad Archive API.

**NBC Stations**  
July 2018

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## EDUCATION

### **University of North Carolina at Chapel Hill** B.A. Journalism, Computer Science (GPA: 3.93)

Double-major in journalism and computer science, minor in entrepreneurship. Relevant coursework includes Interactive Journalism, Big Data Ethics, Data Structures, UX design, and Multimedia Storytelling. Currently writing a thesis about news data visualization in AR.

**Chapel Hill, NC**  
Aug. 2016 - May 2020

### **Duke University** Robertson Scholar

Member of a selective scholarship program as a "dual citizen" of both UNC and Duke, studying and living at both schools. Coursework: Algorithmic Journalism, Politics and Media, Fact-Checking, and Profile Writing.

**Durham, NC**  
Aug. 2016 - May 2020

### **Thomas Jefferson High School for Science and Technology** Software Engineering

Attended a selective STEM high school, graduating with a concentration in software engineering.

**Alexandria, VA**  
Sept. 2012 - June 2016

## RESEARCH

### **Duke DeWitt Wallace Center for Media and Democracy** Online Gatekeeping

Collaborated with Dr. Phillip Napoli on research on the spread of local news content on Facebook, through exclusive data-sharing partnerships with the company.

**Duke University**  
May 2018 - (current)

### **Media and Journalism Emerging Technologies Lab** AR Storytelling

Developed new storytelling technologies in Prof. Steven King's lab, including a photogrammetry tool, AR experiences, and a scavenger hunt app. Responsibilities included product management, research, design, and development.

**UNC - Chapel Hill**  
Sept 2017 - (current)