



## EDUCATION

### **Master of Public Policy** Blavatnik School of Government, University of Oxford

Completing a rigorous course in philosophy, political science, law, and policy evaluation, with a special focus on comparative technology policy, media ecosystems, and free expression.

**Oxford, UK**

Sept. 2022 - July 2023

### **MSc., Social Science of the Internet** Oxford Internet Institute, University of Oxford

Studied platform economics, internet law, social dynamics, and digital media, receiving a distinction on a thesis studying the relationships mediated by journalistic email newsletters.

**Oxford, UK**

Sept. 2021 - Aug. 2022

### **B.A., Journalism & Computer Science** University of North Carolina at Chapel Hill

Graduated with Highest Distinction, double-majoring in journalism and computer science with a minor in entrepreneurship. Relevant coursework includes: Software Architecture, Interactive Journalism, Big Data Ethics, UX design, Multimedia Storytelling and Emerging Technologies.

**Chapel Hill, NC**

Aug. 2016 - May 2020

### **Robertson Scholar** Duke University

Joined 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

## WORK EXPERIENCE

### **The Washington Post** Newsroom Engineer, Elections

Wrote software as a hybrid journalist-engineer covering data-driven stories like the Olympics, COVID-19, and the U.S. elections. Designed new visualizations, created stable data pipelines, and built cloud infrastructures serving millions of users.

**Washington DC**

May 2020-Sept. 2021

### **Reese News Innovation Lab** Research Fellow

Led software development and UX research projects studying data visualization and AR/VR experiences for news, building internal prototypes and projects for partner organizations like The Washington Post.

**Chapel Hill, NC**

Jan. 2019-May 2020

### **The Guardian** Data Reporting Contributor

Built data pipelines and results pages for the 2018 U.S. midterms and 2020 primaries with the Visuals desk, writing data stories about climate change, campaign finance, and gun violence between the two elections.

**London, UK**

Sept. 2018-May 2020

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

Reported on corporate news, scraped data, performed statistical analyses, and designed front-page graphics for the paper's Business and Finance section both online and in print.

**New York, NY**

June-Aug. 2019

### **NBC** Multimedia Journalism Intern

Produced videos, graphics, and digital investigations for NBC News, developing reusable data analysis tools and designing interactive storytelling components across 15 owned-and-operated local websites.

**New York, NY**

June-Aug. 2018

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

Helped run teacher training workshops for the National Endowment for the Humanities: planning logistics, making photos and videos, and designing digital and printed marketing.

**Cleveland, MS**

June-Aug. 2017

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

Rebuilt a critical inventory management system for the eCommerce engineering team, improving load times and reliability of a system processing tens of thousands of transactions per day.

**Fairfax, VA**

June-Aug. 2016

### **nvite** Software Engineering Intern

Architected, built and launched a new “communities” feature for the start-up events platform, which was eventually cited as a key reason for their eventual acquisition by Eventbrite in 2017.

**Washington, DC**

June-Aug. 2015

### **3advance** Engineering Intern

**Washington, DC**

June-Aug. 2014

## AWARDS, HONORS, & FELLOWSHIPS

**Rhodes Scholar** Virginia & Exeter, 2021

**Quarrell Read Prize** Exeter College, 2022

**Honors Laureate** Honors Carolina, 2020

**Phi Beta Kappa** UNC, 2018

**Robertson Scholar** UNC/Duke, 2016

**Graduate Affiliate, CITAP** UNC, 2022

**Outstanding Journalism Research** Duke, 2020

**Kappa Tau Alpha** UNC, 2018



## NEWS PUBLICATIONS

### **2020 Elections: Live Results** Data, Graphics

I designed, architected, and built multiple parts of the Post's election night coverage, including data pipelines, vote modeling, data visualizations, and integration across our native apps.

**The Washington Post**  
Nov. 2020

### **2020 Elections: Tracking the Early Vote** Data, Engineering

I built a system to aggregate early voting and turnout data from all 50 states, analyzing and visualizing results for this tracker that ran for a month and appeared on the front page of both web and print editions.

**The Washington Post**  
Oct. 2020

### **Teachers for Bernie, Retirees for Trump: Who's backing whom in 2020** Data, Graphics

I built a database to help Guardian reporters analyze campaign finance filings from presidential hopefuls, then used that data to write multiple stories about donor demographics.

**The Guardian**  
Oct. 2019

### **Gun violence has sharply declined in the Bay Area. What happened?** Data, Graphics

I led design, development and data visualization for this story on gun violence in the San Francisco Bay Area.

**The Guardian**  
June 2019

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

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

**The Guardian**  
Nov. 2018

**MORE** ([peterandringa.com/projects](https://peterandringa.com/projects)) →

## RESEARCH PUBLICATIONS

### **Email Newsletters and the Changing Journalist-Audience Relationship**

Conducted a mixed-methods research study exploring the growth of independent email newsletters as a journalistic form and the platform's impacts on both writers and readers.

**Oxford Internet Institute**  
Aug. 2022

### **Escaping Flatland: The user experience of data visualizations in augmented reality**

My undergraduate thesis studied the user experience of augmented reality journalism, designing my own AR graphics and conducting user tests to create guidelines for future designs.

**Reese Innovation Lab**  
April 2020

### **Local News on Facebook: Assessing the Critical Information Needs**

Created and analyzed a database of more than 300,000 local news stories distributed on Facebook, to examine what types of local news are produced and shared on the platform.

**Nieman Lab**  
Sept. 2019

### **"How is Social Media Gatekeeping Different?": A multi-platform comparative analysis**

Scraped data across years of print, web, and social media stories from the New York Times to examine how different types of news are prioritized and spread across each platform.

**Association of Internet Researchers**  
Oct. 2018

## VOLUNTEER & LEADERSHIP EXPERIENCE

### **Middle Common Room, Exeter College Oxford** President (2023-); Social Secretary (2022)

Worked closely with fellows, participated in the College's governing body, planned social events, and supported the community of graduate students in the Middle Common Room.

**Oxford, UK**  
Oct. 2021 - Sept. 2023

### **Rhodes Technology and Society Forum** Co-Chair, Networked Society

Selected speakers, led planning, and moderated panels in the "Networked Society" track of the Rhodes Trust's first annual conference on technology ethics and governance.

**London, UK**  
Oct. 2021 - Sept. 2023

### **UNC Faculty Council** Student Representative

Served as a liaison between faculty and students on campus policy issues, leading student input on a redesign of general education curriculum in the College of Arts & Sciences.

**Chapel Hill, NC**  
Sept. 2017 - May 2020

### **Robertson Community Council** Co-Director

Served as a student voice to the Robertson Scholars program leadership and board of directors.

**Durham, NC**  
Sept. 2016 - May 2018

### **TEDxUNC** Director of Marketing

**Chapel Hill, NC**  
Sept. 2016 - Feb. 2018

### **UNC Student Government** Academic Affairs & First Year Council

**Chapel Hill, NC**  
Sept. 2016 - May. 2018