



## EDUCATION

### **Oxford Internet Institute** Rhodes Scholar; MSc Social Science of the Internet

Pursuing a Masters focusing on online journalism, funded by the Rhodes Trust. My thesis research looks at email newsletters as a source of news, exploring how they change the relationship between writers and audiences.

**Oxford, UK**  
Sept. 2021 - August 2022

### **University of North Carolina at Chapel Hill** B.A. Journalism (honors); Computer Science

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

### **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

## EXPERIENCE

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

Helped build the Post's elections infrastructure for the 2020 presidential race, including UX design, data visualization, and frontend development; along with work on data pipelines for the Post's COVID trackers.

**Washington DC**  
May 2020-Sept. 2021

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

Scraped and analyzed data, built interactives and designed graphics for The Journal's Business & Finance section in both print and online, including graphics for front-page stories on both platforms.

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

### **The Guardian** Visuals Intern

Covered the 2018 midterm elections for the Guardian, building parts of the election backend and results page. Later produced post-election analyses and visual stories, then freelanced for the paper in 2019-20.

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

### **NBC** Multimedia Journalism Intern

Produced videos, graphics and interactives for NBC's national newsroom, creating reusable digital tools and new reader experiences across 15 owned-and-operated local websites.

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

## PORTFOLIO

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

Built a system to aggregate early voting and turnout data from all 50 states, then used it to analyze and visualize results for this live tracker that ran for a month ahead of the 2020 election.

**The Washington Post**  
October 2020

### **Gun violence has sharply declined in the's 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

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

## RESEARCH

### **Visualizing Data Beyond Flatland** Digital Journalism, UX/UI

My undergraduate honors 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

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

I worked with Dr. Phillip Napoli to study the audience for local news on Facebook, using computational methods and exclusive datasets. Published in Nieman Lab and the Association of Internet Researchers, and recieved the center's award for Outstanding Journalism Research.

**Duke University**  
May 2018 - May 2020

### **Reese Innovation Lab** AR Storytelling

I developed new storytelling technologies in Prof. Steven King's lab, including a photogrammetry tool, AR experiences and a prototype of scavenger hunt app which won a \$75,000 grant. Responsibilities included product management, research, design and development.

**UNC - Chapel Hill**  
Sept 2017 - May 2020