

# PETER ANDRINGA

Journalist | Developer | Entrepreneur

## Education

### **University of North Carolina at Chapel Hill – 2016 - 2020**

At UNC, I'm currently studying Journalism (with a specialization in Interactive Multimedia) and Computer Science, with a minor in Entrepreneurship. Relevant coursework includes Interactive Journalism, CS Data Structures, News Writing and Reporting, Multimedia Storytelling, UX Design and Design Thinking. Cumulative GPA: 3.922

### **Robertson Scholars Leadership Program – 2016 - 2020**

The Robertson Scholars Leadership Program gives a selective group of students a full-tuition scholarship and allows them to be "dual citizens" of both the University of North Carolina and Duke University, taking classes and even living at the opposite campus.

### **Thomas Jefferson High School for Science and Technology – 2012-2016**

"TJ," as it is affectionately called, is a magnet high school that draws students from all over Northern Virginia to study science, technology, engineering and mathematics.

## Work Experience

### **Innovation Fellow, UNC Emerging Technologies Lab - September 2017- (current)**

The UNC School of Media and Journalism's Emerging Technology Lab seeks to leverage new technologies to create more engaging storytelling experiences in VR, AR, AI and other formats. As an Innovation Fellow I contribute to ongoing projects within the lab; I'm currently working on an educational and historical VR experience.

### **Media Intern, The Delta Center - June-August 2017**

I helped produce multimedia stories for the Delta Center's "Most Southern Place on Earth" workshops, taking photos, filming and editing video stories, and designing printed marketing materials.

### **Software Engineering Intern, CustomInk - June-August 2016**

I worked as a software engineering intern with CustomInk's eCommerce team, entirely refactoring and rebuilding a complex, legacy internal system. In the process, I worked on a full stack using MySQL, MongoDB, Ruby on Rails, HTML, CSS and JS.

### **Software Engineering Intern, nvite – July-August 2015**

I spent a summer as a software engineering intern with a small event-tech startup called nvite. I built their new "communities" platform, and helped with a homepage redesign and other improvements, working across the stack using Node.js, MongoDB and Angular.js.

### **Engineering Intern, 3Advance– June-August 2014**

### **Product Intern, SocialTables – June-July 2013**

## Other Experience

### **Co-Director, Robertson Community Council – 2016- (current)**

### **Student Representative, UNC Faculty Council – 2017- (current)**

### **Director of Marketing, TEDxUNC – 2016- 2018**

### **First Year Council & Academic Affairs, UNC Executive Student Gov. – 2016- (current)**

### **Director of Strategy, Joe for SBP & Garima for SBP 2016-2018**

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## Portfolio

### **"2018 Midterm Elections: Races to Watch" - [peterandringa.com/2018-midterms](https://peterandringa.com/2018-midterms)**

This interactive, allows the reader to explore senate and congressional races in 2018 by their fundraising, media attention and political forecasts. The app uses a Node.js and PostgreSQL backend to pull data from a number of sources displaying it all with d3.js. View the source on GitHub [here](#).

### **"The Life of an Amazon Order" - [peterandringa.com/mj487/amazon/](https://peterandringa.com/mj487/amazon/)**

This story uses animations to explain Amazon's huge logistics operation from click to delivery. It uses ScrollMagic, jQuery and GSAP to achieve smooth scroll-based animations to present the story in an engaging way. View the source on GitHub [here](#).

### **"World Trade through the Lens of History" - [peterandringa.com/world-trade](https://peterandringa.com/world-trade)**

This interactive uses data from the World Bank to visualize global trade over the last 50 years. The graphic uses d3.js to render the data on a map and allow users to dig into it by country, import/export status and year. The source is available on GitHub [here](#).

### **Student Body Campaign Tools - [github.com/pandringa/campaign-tools](https://github.com/pandringa/campaign-tools)**

I built this suite of big-data tools for a Student Body President campaign at UNC, which incorporated the student directory and scraped a social graph from Facebook to aid our strategy. I also built email and text-message tools, a statistics dashboard, link-click tracking and a platform to store ballot petition signatures, all using Flask, Postgres and Neo4j.

### **nvite Communities Platform - e.g. [nvite.com/community/dribbble](https://nvite.com/community/dribbble)**

As an Engineering Intern at nvite, an events platform, I helped concept, design, and build their "communities" functionality for groups of events. This involved ideating the concept and identifying core features, designing the community pages, implementing the necessary Node.js, MySQL and Angular.js and building out the backend dashboard for organizers to customize the designs of their community page. The feature immediately became a core part of nvite's product and was eventually cited as a reason for their acquisition by Eventbrite in a [press release](#).

### **Delta Center Photos and Videos - [deltacenterdsu.com/photos-portfolios-and-videos](https://deltacenterdsu.com/photos-portfolios-and-videos)**

I spent a summer as a media intern at the Delta Center in Cleveland, MS, documenting their "Most Southern Place on Earth" workshop for K-12 teachers. The above page includes the photos, videos, daily updates and portfolios I produced for the workshop.

## Skills

### **Highly Experienced in:**

- HTML
- CSS (+ LESS/SASS)
- Javascript (+ Angular.js, jQuery, & d3)
- Node.js
- Python (+ Flask & Django)
- Ruby (+ Rails)
- Redis, MongoDB, MySQL, & PostgreSQL

### **Proficient in:**

- Unix / Bash
- Adobe Premiere Pro & After Effects
- Adobe Photoshop & Illustrator
- Infographic Design
- News Writing
- Photography & Videography

## References

Available upon request

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