

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

Worked 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 numerous internal improvements, working across the stack using Node.js, MongoDB and Angular.js.

Engineering Intern, 3Advance– June-August 2014

Product Intern, SocialTables – June-July 2013

Leadership Roles

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

I work to create community within the Robertson Program, and act as a voice to communicate students' opinions to program staff and Julian Robertson, its benefactor.

Director of Marketing, TEDxUNC – 2016- (current)

I have organized UNC's annual TEDx conference for two consecutive years – first serving on the Projects committee; then working as Director of Marketing with the aim of increasing awareness of TEDxUNC and creating engaging conversations on campus.

Leadership Roles cont.

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

Served as the non-voting student representative to UNC's faculty council, the largest and most important body for the University's faculty governance. As a student representative, I act as a voice for students in the council's discussions and help connect faculty members with Student Government and other relevant student organizations.

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

I served on the First Year Focus Council to develop programming and initiatives to get first-years involved at UNC and on the Academic Affairs committee to work with administrators to shape academic policy in a way that reflects students' interests.

Co-Director of Strategy, Joe for SBP – 2016-2017

Worked on ideas and strategy for Joe Nail's student body president campaign, developing communications strategy, planning ground operations and building a big-data analytics platform that allowed the campaign to better target potential voters and recruit the best team members to help.

Portfolio

"2018 Midterm Elections: Races to Watch" - 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/

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](#).

Student Body Campaign Tools - peterandringa.com/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.

Delta Center Photos and Videos - 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
