

Experience

The Chronicle of Higher Education

Software Engineer: January 2017 - present

- Design systems and develop processes to deliver real-time, actionable data
- Research and implement emerging technologies on the front-end and back-end to improve offerings on Chronicle.com, Philanthropy.com
- Plan and implement APIs to serve data to reporters, interactive developers

Web Developer: December 2014 - December 2016

- Worked with editors, reporters to build web products that streamlined newsroom processes
- Planned, designed and developed robust web applications to present large data sets

American University

Adjunct instructor: January 2016 - present

- Teach introductory web design and development to communications students

The Virginian-Pilot - PilotOnline.com

News Developer: January 2014 - December 2014

- Built interactive news products including dynamic web applications and live election results
- Gathered, cleaned large data sets and collaborated with reporters on stories
- Held data training classes to help promote data literacy throughout the newsroom

Database Developer: September 2012 - December 2013

- Collected, cleaned, analyzed and presented data online in intuitive ways
- Created and improved online data offerings including maps, databases and graphics

Online Producer: August 2011 - September 2012

- Managed content placement and presentation for PilotOnline.com, HamptonRoads.com
- Worked with reporters, editors and photographers to produce interactive graphics

The Post Star - poststar.com

Online Editor, Senior Editor: August 2010 - August 2011

- Planned daily presentation of all editorial content on poststar.com
- Coordinated with reporters, editors to produce multimedia and interactive graphics

Online Copy Editor: September 2009 - August 2010

- Edited and posted daily news content, shot and edited video

Skills

Python (2.7/3.4)

- Django
- Flask
- Celery

Database/Search Systems

- MySQL
- PostgreSQL
- Elasticsearch

Javascript

- Node.js
- ES 2015
- Angular.js
- Vue.js
- Grunt/Bower/Webpack

HTML 5/CSS

- bootstrap/flexbox
- SASS

Amazon Web Services

- S3
- Lambda
- Data pipeline
- Redshift
- API Gateway

Git

API Design/development

Education

Syracuse University, S.I. Newhouse School of Public Communications

Master of Arts in Newspaper, Magazine and Online Journalism - June 2009

State University of New York at Buffalo

Bachelor of Arts in Political Science - May 2008
Journalism Certificate • Deans List • Cum Laude

Awards

Virginia Press Association

- 2015 Award of Excellence - Data journalism, 2nd place
- 2015 Award of Excellence - Data journalism, 3rd place

Virginia Trial Lawyers Association

- 2014 Excellence in Journalism Award