

TYLER KOTKIN
Back-End Python Developer
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TylerKotkin.com

TECHNICAL SKILLS

- Python programming language
- Django web framework
- Django REST framework
- Git and GitHub
- Test-Driven Development
- Agile development
- Data science tools including: pandas, Numpy, Scipy and sklearn
- SQLite and PostgreSQL
- JavaScript, jQuery and D3.js
- HTML, CSS and Sass
- Organization and file management
- Research tools and databases
- Digital video and audio editing
- Experienced with Lexis-Nexis, TV Eyes, and My Digital Manager

EXPERIENCE

Versus.live

Web Application

11/2015

- Conceptualized and developed a web application which allowed users to easily create brackets for a wide range of competitive activities.
- Worked with Django and the Django REST framework to create an API and build the projects back-end.
- Gained experience with JavaScript, D3.js, jQuery, HTML, CSS and Sass while building the front-end of the project.
- Created the project's database using PostgreSQL and deployed the project using Heroku.
- Used Trello and Waffle.io to maintain organization and direction during the project.

Democratic National Committee

Research Associate

1/2015-9/2015

- Given lead responsibility for the daily monitoring of 8 potential Republican nominees for President.
- Compiled, analyzed, and organized primary and secondary source documents, including: votes, budgets, legislation, property and other financial records, criminal records, court documents, campaign finance records, news stories, and social media.
- Performed extensive rapid response, working with other members of the Research team to immediately push back on attacks and take advantage of opportunities to put our opponent on the defensive; worked quickly and calmly under tight deadlines.

Kay Hagan for US Senate

Research Associate

1/2014-11/2014

- Served under the Research Director as the sole member of the Research team in 2013, and was promoted within the department.
- Conducted in-depth self and opposition research, both independently and in collaboration with other researchers, on policy, campaign finance, and personal finance issues; produced research that resulted in earned media hits in local and national outlets.
- Responsible for numerous day-to-day functions, including: maintaining research books on both Sen. Hagan and numerous opponents; compiling research documents for use both internally and externally; vetting donors, hosts, and surrogates; fact checking opposition ads and backing up Hagan ads; and training and assisting interns.

NC Democratic Party / Kay Hagan for US Senate

Tracking and Research

4/2013-12/2013

- Monitored Sen. Hagan's Republican opponents, including Speaker Thom Tillis, Dr. Greg Brannon, Rev. Mark Harris, Heather Grant and others by finding, attending, and filming events; monitored opponents' presence in traditional media and on social media. Uploaded, transcribed, edited, and managed audio and video footage from a range of sources, including tracking footage as well as current and past news coverage and interviews; produced tracking video that was used by the campaign in earned media.
- Assisted on a range of research projects focused on both Sen. Hagan and opponents.

NC Democratic Party / Mike McIntyre for US Congress

Tracking and Research

8/2012-11/2012

- Developed research skills on one of the most expensive, competitive US Congress races of the 2012 election cycle, gaining experience in opposition research including fact checking political ads and news stories.
- Responsible for monitoring our opponent, NC Sen. David Rouzer, by finding, attending, and filming events; monitored Sen. Rouzer's presence in the news and on social media. Monitored and maintained the Mike McIntyre for US Congress campaign's social media presence.

EDUCATION

The Iron Yard Durham Campus. Graduated November of 2015

- Successfully completed the Python back-end engineering course, acquiring a solid base of understanding in Python, Django and data science.
- Applied skills learned to complete daily assignments covering a range of programming challenges, including web development and data science.
- Became proficient in the use of Git and GitHub through daily application during the course.

University of North Carolina at Wilmington. Graduated May of 2012

- BA, Political Science