

Phineas Callahan

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education

Carleton College,
Northfield, MN
B.A. in Mathematics
2014–2018

University School,
Hunting Valley, OH
Graduated Cum Laude
2010–2014

technical skills

Languages

Web Dev

Dev Tools

Document Prep

Data Analysis

Python, Java, JS, R

HTML & CSS, NodeJS

NPM, Grunt, Git, Bash

Markdown, Latex

SciPy, Excel, D3

extracurriculars

Club Sports Council, 9/15–Present
Carleton College

- Provided guidance to the Director of Club Sports on funding allocation and club sports policies.
- Evaluated student requests for additional funding
- Organized year end events for all club sports teams

Club Rugby Leadership, 9/15–Present
Carleton College

- Acted as Liaison to the CSA (Carleton Student Association, central student government) and other hubs of student governance.
- Assisted the President and the Treasurer with administrative duties.

experience

Cost Accounting Intern, 6/15–8/15
Fannie May Confections

- Developed a java pipeline to automate data entry
- Cleaned and filtered product data for analysis
- Improved accuracy of forms by adding logical checks
- Helped with daily paperwork

relevant projects

NLP + Senate Transcript, Winter '15

What differentiates Republican and Democratic speech? I was curious, so I checked. I acquired my dataset by extracting speeches given on the Senate floor from the Senate Transcript, which I scraped from the GPO's website. From this data set, I identified the subset of speeches on environmental issues by looking at word frequencies. Then I used sentiment analysis to identify differences in Republican and Democratic language. My findings suggest that Republicans used much more negative speech after the 2008 elections.

Blockdude in Java, Winter '16

The final project for my Software Design class was a java application with an interface implemented in javaFX. My group chose to recreate the TI-84 game, blockdude. While the business logic which drove the game was simple, learning how to tie the components of our app together using the javaFX framework was new and engaging.

Personal Website, Ongoing

I'm currently In the process of designing a personal website and blog. The frontend of my website is static content generated with custom grunt tasks, while the backend is written in NodeJS. It's a weekend project, but I hope to have a version running by the summer.