HTML5

It’s the backbone of every web page; there is no website without HTML. Never has markup been so rich with semantic meaning as HTML5! When put to good use it’s fantastic for organic search engine optimization and accessibility.

CSS

Without CSS we’d be looking at 16-pixel, black New Times Roman typeface on white web pages with bright blue links. Purple if it’s a link you already clicked. I’ve spent thousands of hours learning to write CSS, and I’m very good at it.

Sass

Syntactically awesome style sheets (not the other saas – software as a service). Sass is a way to write CSS shorthand that keeps things neat and tidy. I either run a Sass command on the terminal or I use Grunt, depending on the size of the project.

Git

Oh Git, I love you and I hate you. You’ve saved my ass more than once, and ruined my day just as many times. Alone, you are boring and dependable. In a team, you are scary and unpredictable. Help me, help you, when I have merge conflicts.

JavaScript

I enjoy JavaScript, and consider myself an intermediate user. A colleague told me if I was really good at vanilla JavaScript I’d be a legend. And I believe him! At the University of St. Thomas we use Vue JS. I’ve also worked on projects with Angular.

Linux

One of the best decisions I made was to get comfortable with the command line and learn Linux. As a result I can confidently manage a cloud server and have ended my relationship with cPanel. I’ve even written a bash script or two.

PHP

I was a WordPress developer for many years, so I’ve learned my share of PHP. Nowadays I use it to build static HTML sites because it’s handy for keeping templates organized. PHP is also necessary in order to deploy static HTML files to Heroku. So win–win.

Python

I learned Python in the Graduate Software Engineering program at St. Thomas. As a frontend developer I mostly use python to scrape web pages and organize content in CSV files. It’s saved my team hours of copying and pasting from old web pages.

Velocity

An open source templating language based in Java, Velocity is used in one of the content management systems we use at St. Thomas called Cascade. It’s not difficult, but it has a learning curve.