

MIKE CARBONE

Full-Stack Web Developer

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Education

Drexel University - Pennoni Honors College
B.S. in Interactive Digital Media

GPA: 3.74

Anticipated Graduation: June 2020

Technical Projects

BusBuddy

- Utilized a RaspberryPi running Python scripts, communicating with Node Express/MongoDB back-end
- Created a multi-purpose service that tracks child bus attendance, bus location, savable routes, and several other features
- Developed front-end using React
- Lead a team of four, delegated tasks using Agile methodology
- Tracked all progress using Trello and Gantt Charts

goBibit

- Developed a citation generator with a web-scraping Python back-end
- Programmed URL based one-click automatic citations
- Built client-side citation formatting supporting MLA, Chicago, and APA formats
- Included book search functionality using 3rd party connection to WorldCat Search API
- Implemented several SEO optimizations to boost search rankings

Socializr

- Created a headless progressive single page application using React
- Wrote and connected web scraping API using Apify
- Registered a service worker to enable offline functionality

Slack Rebuild

- Utilized React to reverse engineer Slack
- Built to be a single page application, managed state of multiple components and passed data up and down between components

Work Experience

Front-End Developer - Impact Six

- Utilized Laravel for PHP to build out different web apps for clients
- Learned and used BEM methodology and CSS preprocessor SASS
- Used Github feature branching when developing changes
- Integrated dependency manager Yarn
- Communicated and worked directly with clients to build their static sites

Vice President - DUXR Club

- Oversaw weekly meetings regarding virtual reality, augmented reality, and other immersive tech
- Led the transition efforts to replace four exiting club officers in Spring 2018
- Created and oversaw the development of social media accounts for the club
- Increased membership by over 100 registered students in Fall 2018
- Coordinated several co-sponsored events with other organizations on campus

Skills

JavaScript

+ ES6 + React + Node
+ JSON

HTML5/CSS3

+ SASS + BEM
+ SEO Meta Tags

PHP

+ WordPress

Databases

+ MySQL + MongoDB

Other

+ Python
+ Github Version Control
+ Gulp + BASH Scripting