

## Experience

### **New York State Education Department • Information Technology Specialist II • 03/2017 to Present**

- > Rewrote legacy search application that provides information on all New York State Educational Institutions.
- > Built RESTful web service API with PHP7 in conjunction with JavaScript to create a single-page user interface.
- > Wrote a PHP fuzzy-search library and employed Redis for result-caching to optimize search results.

### **Cendyn • Software Developer • 09/2016 to 02/2017**

- > Maintained and developed new features for Cendyn's Cloud Suite.
- > Created CRUD interface for hotel administration user management using jQuery.
- > Wrote SQL scripts/stored procedures to assist with database migrations, using SQL Management Studio.

### **AOD Software • Software Developer • 12/2014 to 02/2016**

- > Developed reporting software for Point of Sale SaaS to export large datasets to PDF/XML formats.
- > Created data entry interface to ease the importation of external source files to Pervasive SQL database.
- > Created application to upload images by signature pad to remote server using JavaScript (ES5).

## Open Source Projects

### **Steam Friend Tool • [Demo](#)**

- > Single-page application using Valve's Steam API that lets users view what games they have in common with friends.
- > Filter search results by game platforms and/or genres, without page reloads.
- > Entries for each game are stored and retrieved with PostgreSQL, allowing for faster load times.

### **Markdown Page Generator • [Demo](#)**

- > A Markdown-powered webpage generator that allows users to create custom pages on the fly.
- > Uses a simple, but flexible text-editor built with JavaScript to update page content.
- > Assigns a unique subdomain chosen by the user, where all content is stored via Google Firebase's realtime database.

### **Firefox New Tab Add-On • [Add-On](#)**

- > A FireFox browser extension that replaces the 'new tab' with a minimal, customizable, Markdown-powered layout.
- > Allows users to customize the width, height, colors, background, and fonts via an options menu.
- > Includes a custom CSS Editor, menu for uploading local user files, hotkey support, and the ability to export user configurations to a JSON file, which can then be re-imported at a later time.

## Skills

JavaScript / ES6 / Node / jQuery  
NPM / Yarn / Webpack  
Python / Flask  
HTML5 / CSS3

PHP / Composer  
MySQL / PostgreSQL  
REST / JSON / HTTP  
Git / SVN

## Education

### **Bachelor of Science in Computer Science • 2014**

Florida Atlantic University, Boca Raton, FL • 3.56, Cum Laude

### **Bachelor of Arts in English Literature • 2014**

Florida Atlantic University, Boca Raton, FL • 3.56, Cum Laude