

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.

Search Suggestion Library • [Demo](#)

- > A lightweight search-suggestion library written in Vanilla JavaScript / ES5 with zero dependencies.
- > Allows local or remote sources via AJAX to be loaded on keypress, while caching results to reduce server load.
- > Responsive, easily configurable styles, and robust options to allow for custom event handlers.

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