GarrickBuckley

about

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portfolio
github.com/garrickb

programming
JavaScript
SASS
CSS3 & HTML5
Node.JS, PHP
Java, Android
C, C++
C#

databases
MySQL
MongoDB

education

May 2017	**Bachelor of Science,** Computer Science	Purdue University, West Lafayette, IN

Specialization in *Software Engineering* & *Security*

experience

Summer 2015	**SmarterHQ**	Software Developer Intern

- Tagged client's websites with custom JavaScript which would track the user's interactions with elements on their website for use with the SmarterHQ e-commerce analytics platform.
- Spearheaded development on a Chrome extension that exposed the SmarterHQ tags in a more intuitive way, lowered the barrier to entry for understanding the tags, and sped up the initial website tagging process by up to several weeks per client.
- Created a tool with the Google Analytics API that automated the aggregation and display of marketing campaign data for clients in an easy to use web application.
- Developed a web application that parses information regarding database validity into a sortable and searchable manner to help determine if clients require support.

Nov. 2014 - Pres.	**Purdue ITaP Research Computing**	Student Web & Database Developer

- Developed from scratch a custom RSS feed implementation that allows customization based on news categories and computing resources affected.
- Automated the creation of maintenance calendar that shows which computing resources are unavailable on which day(s).

leadership

Aug. 2013 - Pres.	**Purdue University Gamer's Group (PUGG)**	Web Master & Web Developer

- Assisted in the planning, coordination, and execution of 22 hour LAN gaming events for 200+ participants every semester.
- Responsible for the design, creation, and maintenance of the web site and interactive web applications to be used by students to sign up for events, access announcements, and communications.
- Developed on the Laravel framework utilizing PHP, JavaScript, HTML5, and CSS3.
- The website is located at PUGG.org.

applications

2015	**Collaborative Soundcloud Listening**	https://github.com/garrickb/MusicApp

Utilized the Soundcloud API to sync music up across all connected clients. The client can chat, add songs to the song queue, and vote to veto the current song. Utilized JavaScript, Node.JS, Socket.IO, Jade, and SASS.

2014	**Purdue Plaza**	http://devpost.com/software/plaza

Allows Purdue students to find and RSVP to events happening on campus. Developed a RESTful API back-end using PHP and MongoDB. Also assisted in the development an Android application used to communicate with the API.