

SKILLS

- Languages:** PHP, MySQL, Javascript, HTML, CSS
Frameworks/Libraries: Laravel, Vue, jQuery, Bootstrap
Tools: Git, Vagrant, AWS (S3, RDS), Composer, Sass, Adobe Creative Suite
Learning: C#, Unity

EXPERIENCE

Software Engineer | *MobileFuse (LAMP, Laravel, Vue, AWS)* (July 2017 - present)

- Building enhancements toward data import and aggregation, database hierarchy restructuring, automatic client/partner/custom report generation, emailed report listeners, and scheduled data processing scripts.
- Optimized the company's custom data querying tool used heavily across the codebase, decreasing memory usage and runtime.
- Actively involved in meetings with Ad Operations teams for building specification documentation and mockups to new enhancements towards company internal applications.
- Bringing in VueJS for front-end intensive enhancements, modularizing the Javascript codebase and incorporating reusable code and form components.
- Primary developer of a customizable dashboard widget system, improving productivity and workflow of internal teams.

Student Web Developer | *University of Connecticut (PHP, WordPress, Javascript)* (October 2016 - May 2017)

- Assisted the Communications team in the development and testing of UConn websites and applications.
- Attended meetings with Design team to make sure front-end enhancements meet university design guidelines.
- Developed WordPress plugins for today.uconn.edu and an AngularJS directory application prototype for health.uconn.edu.

Graduate Assistant | *University of Connecticut* (August 2015 - May 2017)

- Managed percussion equipment and coordinated its usage within the music department.
- Assistant Director of the UConn Percussion Ensemble - conducted in concerts and provided musical guidance to undergraduate percussionists.

PROJECTS

MobileFuse Campaign Overview | *Ad Campaign Information Page (PHP, Laravel, VueJS)*

- Integrating the workflow process of Client Services Managers into MobileFuse's internal applications, eliminating redundancy of data and simplifying communication between teams running the ad campaigns.
- Developed a hierarchical front-end validation system for ease of scalability and addition of new Vue components.
- Incorporated different validation rules, input field permissions, and campaign status transitions depending on the type of user accessing the page, showing only the information relevant to the specified user's needs.

MobileFuse Dashboard Widgets | *Customizable Dashboard System (PHP, Laravel, jQuery)*

- Homepage dashboard of customizable drag-and-drop widgets displaying important ad campaign information and metrics.
- Using Laravel view composers to generate data and view for each widget independently via AJAX.
- Storing each user's dashboard layout as a JSON structure, containing positioning and settings of each widget.

LikeArchive | *Tumblr Liked Posts Application (PHP, AngularJS)*

- Use of the Tumblr API to create an archival view of a user's liked posts - a feature not native in Tumblr.
- Custom directives for post types, errors, etc. to create modularity and reusability of templates and code.

EDUCATION

M.M. Music Performance - Percussion (2015 - 2017)
University of Connecticut | Storrs, CT

B.A. Computer Science, B.M. Music Composition (2011 - 2015)
University of Rhode Island | Kingston, RI

- Cum Laude