Brett Connolly

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Education   **University of Central Florida,** Orlando, FL
Completed: Digital Media - Web Design B.A. - 2013
Completed: Business Management B.S. - 2008

Courses   **DIGITAL MEDIA, GRAPHIC DESIGN, COMPUTER SCIENCE**

Internet Software Design	Internet Interaction
User Centered Design	Rapid Application Web Development
Media for E-Commerce	Media Business Practices
Info Mgmt and Entrepreneurship	Computer as a Medium

Skills   **Software/Tools**   **Languages/Libraries/Frameworks**

Git NPM	Javascript/JQuery	HTML5/CSS3	Node.js	MongoDB
Adobe CC	Meteor React	Angular	Gulp/Grunt	Twitter Bootstrap
Sublime Text	Express.js	PHP/MYSQL	Laravel 4	SASS/SCSS

Experience   **Marriott Vacations Worldwide** -*Frontend Web Developer* - 6/2014 - Present
- Development and maintenance of the award-winning Marriott's Sales Center Technology™, which is software used internally for the sales of vacations and timeshares.
- Personally responsible for building 2 modules from scratch along with a major refactor of an existing module. I am also responsible for fixes and updates needing immediate attention.
- Primarily use Javascript for coding a wide array of functionality based on complicated business rules and internal feedback.

Xulon Press - *Backend/Frontend Web Developer* - 8/2013 - 1/2014
- Worked with a small team of programmers to rebuild Xulon Press's employee dashboard and backend data infrastructure from scratch.
- The project primarily uses the Laravel 4 framework, employing extensive use of PHP, MYSQL, HTML5, CSS3, Twitter Bootstrap, JQuery, AJAX, MVC concepts and Object Oriented programming.

VGlobalTech - *Lead Web Developer* - 11/2012 - 7/2013
- Building numerous websites for clients ranging across many industries using Wordpress and Joomla content management systems
- Generation of content from art and graphics to research and reporting
- Debugging and rewriting PHP scripts along with creating custom HTML and CSS

CHEP - *Mobile Application Developer* - 6/2012 - 11/2012
- Designed and developed an jQuery Mobile web application which dynamically generates content based on an external JSON file. Deployed in Phonegap.
- *Smart Track*™: Created an application using PHP and MYSQL queries to find and sort records and information from a database.

Projects

LoveThroughChrist
Web Application

A free web application used for Christian dating. Originally built using the MEAN stack (Mongo, Express, Angular and Node) then rebuilt using the Meteor Full-Stack Javascript framework. Features include Facebook login allowing prepopulation of some user data, use of the Facebook API to allow users to select videos and photos from their Facebook for use on their profiles, search based on geo-location using the Google Maps API, real-time updates, persistent saving of data and changes made to users profiles, along with testimonials to allow users to leave positive reviews for friends or previous dates.

www.lovethroughchrist.com (No longer active. Source code available)

Crazy Conveyor
Web Game

A physics-based web game built use the Matter.js Javascript engine.

http://brettdavidconnolly.com/crazy_conveyor/

Digital Privacy Notice
Web Application

A responsive mobile web application that uses HTML, CSS, Javacript/JQuery, PHP and MySQL to gather and save user submitted data along with an interactive slideshow displaying the data from a digital privacy notice. The content is parsed from an XML file that can be edited by the user, removing the need for a developer when clients decide or have the need to update the content of the application.

http://brettdavidconnolly.com/dpnc

Laravel 4 - Login and Image Upload
Web Application

A sample application built using the Laravel 4 PHP Framework. Handles user creation, login, authentication, along with allowing users to upload and delete images from their own personal folder using REST techniques as well as showing use of CRUD functionality (create, read, update and delete).

http://brettdavidconnolly.com/laravel/public/login

Financial Forest
Google Play Android Phone Application

An android application fully deployed onto the Google Play store. Helps users save up an emergency fund over a specified period of time. Users will be reminded of how much they need to deposit, bi-weekly, and also be given inspirational daily push notifications to encourage savings.

Employs the use of AJAX, PHP, Javascript, CSS3 and HTML5 built on the Adobe Phonegap Build framework.

http://www.brettdavidconnolly.com/financial-forest

Scandit
Mobile Web Application

A shopping based mobile web application built and coded entirely from scratch. This application allows users to scan products, via their mobile camera, and save these products to an ongoing list attached to to their account. Scanned items are found via a product information API and saved in our own database. Users may update or fix any product information that may be incorrect or flawed, harnessing the power of web 2.0 qualities, like user generated content. The list is persistent and allows users to add and delete items, on the fly, while keeping a running total of all the items on their list, including after sales tax and coupon pricing.

This application uses HTML, CSS, Javascript, JQuery, AJAX, PHP and mySQL, as well as parsing JSON and XML data returned via several product-based API CURL calls.

http://www.brettdavidconnolly.com/apps/scandit/

Knight Scavenger
Mobile Web Application

A mobile-based photo scavenger hunt web application. This application was built with the intention of helping orient new UCF students to the UCF campus. The user is given a board with 16 locations around campus. The user must take pictures of these locations, from their smartphone, and submit them in real time. GPS and Google Maps are used to inform students of where they are currently, and where the locations are that they need to photograph. The user must submit a photo within a certain distance of the landmark, otherwise it is invalid, discouraging cheating. Once the user completes their board, it is submitted to an admin who verifies that all the photos are legitimate, upon which a completion certificate is sent to the user's email.

This application was built completely from scratch using HTML, CSS, Javascript, JQuery, PHP and mySQL.

http://www.brettdavidconnolly.com/apps/knight-scavenger/