

ZHIBIN HUANG

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Technical Skills

Languages	PHP (ZEC, ZEND022796), JavaScript, ActionScript, HTML5, CSS3, Sass, SQL, Regex, JSON, XML
Tools	Git, Vagrant, Grunt, Yeoman, Bower, JSLint, Jade, PHPunit, Various browser debugging tools
Libraries	WordPress, jQuery, Angular, Bootstrap
Patterns	Responsive Design, Singleton, Factory, Adapter, Chain of Responsibility, Observer and etc.
Algorithms	Quick sort, Topological sort, DFS, BFS and etc.

Work Experience

Radii Production, 2010 - 2014

- Web application architecting, development and maintenance
- Server management and shell scripting
- Technical research
- Documentation

Projects of Interests

Institutional Limited Partners Association

LPA Ratings Tool, 2011 . An international scorecard web app. I proposed a system that supports conditional questions, instant saves, scoring system. As a core developer, I led a team of 3 members to implement it. After launched, I continued on supporting it, and developed add-on of third party portal access for temporary legal counsels.

GP Economics Application, 2012 . Excel base international business analysis app. I adapted the chain-of-responsibility pattern, designed an engine with an optimized excel, and integrated Google chart for visual data analysis. I led a team of 5 members to develop and launch it in limited time.

General Partner Profile, 2013 . An international online business portfolio network which is integrated with Euclid's ClearVantage (desktop Association Management Software) through XML communication. It is used by thousands of paid members.

Boys and Girls Clubs of Canada

Rogers Raising the Grade, 2012 - 2014 . A national bilingual educational community with BuddyPress. Co-creator on e-learning modules. I continued on supporting it after launch, and developed add-on features which is integrated with various third party systems such as OpenBadge, Fluidsurvey and Google Analytics API. A thousand of registered users and increasing.

School Cents Online Module, 2014 . A highly interactive e-learning module built with Angular and Bootstrap. I worked closely with designer and created a angular-shortcode system which allows designer to focus on simple HTML.

Radii Production

Radii website, 2014 . A business and blogging platform with WordPress 3.9.1. I worked closely with designers and created a highly end-user-friendly bootstrap-supported editor, of which content is pre-compiled for search and performance, based on ACF (WordPress Advanced Custom Fields plugin).

Data mining . Created various consolidated reports with log files, PHP, Mysql, or MSSQL.

Other Project

Life After High School, 2013 . Proposed and implemented offline videos with python web service, and created bash script to set up on hundreds of provided MacBooks for the need of national conferences.

Personal Experience

Christmas Card series, 2010 - Present . Building 3D holiday card with CSS3 such as transform, transition and animation to demonstrate 3D modelling with animation in HTML.

Android Apps . Created and published 7 Android apps in HTML with phoneGap or native JAVA with SDK for exercising.

Events Organizer, 2014 - Present . Organizing offline study and hangout events on a weekly basis in a Chinese programmers community.