Josef Dochterman
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PO Box 10536
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Main Languages
JavaScript, Java, PHP, MySQL, HTML5, CSS3, C++

Experience With

Object oriented programming	Mobile & Desktop	Unit testing
Event driven programming	Responsive Pages & Email	Research
UI, interaction and animation	API integrations	Writing documentation
Image Editing (Photoshop/GIMP)	AJAX, JSON & XML	Debugging

Web Development Work Experience

iAESL, Inc. (Remote Contract) - 8/2016 to 3/2017
Developed & helped design 10 educational games for mobile and desktop using WebGL.
Designed & programmed lightweight, highly configurable game engine from the ground up.
Designed JavaScript API to expose game scores to integration layer and server-side code.
Programmed touchscreen zoom and pan view transformations, and image editor.
Programmed animated spritesheets, physics engine and particle systems for sprites.
Programmed configurable game audio including speech and music using HTML5.
Pixi.js, JavaScript, jQuery, HTML5, CSS3

Walt Disney Parks and Resorts Online (Contract) - 11/2015 to 2/2016
Developed high traffic e-commerce site for ticket sales using service oriented architecture.
Coded PHP mid-layer to call RESTful Java services and respond to HTTP status codes.
Coded Zend MVC to process JSON service responses into responsive HTML/CSS views.
Developed & debugged AngularJS apps with multiple form views on a single page.
Developed & debugged API integration of new website onto existing platform services.
Coded unit tests for controllers and other components using PHPUnit.
Worked with multiple teams in Agile continuous integration environment with Jira & Bamboo.
Ensured accessibility of site for visually impaired using semantic HTML5 and JavaScript.
PHP, JavaScript, HTML, Sass
SOA, PHPUnit, AngularJS, Zend, REST, Git, Perforce, jQuery, JAWS Screen Reader

Disney Consumer Products (Contract) - 7/2015 to 9/2015
Developed web services to support subscription based educational iPad games.
Designed & developed API for syncing server's published content with client iPad.
Developed scalable cloud based app using Java with NoSQL on Google App Engine.
Designed NoSQL data structures and coded Java and PHP services to return JSON.
Used SOAP and JAX-RS to connect to existing Java services in SOA.
Configured Linux servers to run Java, Tomcat & Spring or PHP, MySQL and Apache.
Java, PHP, Unix, MongoDB, MySQL
SOA, SOAP, REST, Tomcat, Spring MVC, Eclipse, JAX-RS, Perforce, Google App Engine

Phelps (Contract) - 1/2015 to 6/2015
Created marketing landing pages and integrated them with Marketo CRM.
Coded responsive emails for mobile and desktop and verified compatibility using Litmus.
Created Node.js tool for parsing asp files using regular expressions to update codebase.
Transformed Photoshop mockup files into responsive web pages with HTML5/CSS3.
JavaScript, HTML5, CSS3, Sass
Photoshop, Node.js, jQuery, Subversion, Marketo, Litmus

Walt Disney Parks and Resorts Online (Contract) - 1/2014 to 7/2014
Developed high traffic e-commerce site for ticket sales using service oriented architecture.
Improved server performance by utilizing memcache more efficiently.
Coded PHP mid-layer to call RESTful Java services and respond to HTTP status codes.
Coded Zend MVC to process JSON service responses into responsive HTML/CSS views.
Developed & debugged API integration of separate website onto existing platform services.
Coded unit tests for controllers and other components using PHPUnit.
Worked with multiple teams in Agile continuous integration environment with Jira & Bamboo.
Ensured accessibility of site for visually impaired using semantic HTML5.
PHP, JavaScript, HTML, CSS
SOA, Zend, PHPUnit, JQuery, Perforce, JAWS screen reader

ActiveVideo (Contract) - 5/2013 to 8/2013
Developed app which aggregated informative web services and played video-on-demand.
Programmed JavaScript for proprietary APIs on television based platform.
Developed JavaScript App that was controlled by a TV remote control.
Ensured pixel to pixel matchup of finished product to design mockups.
JavaScript, HTML5, CSS3
Perforce

Age of Learning, Inc. - 8/2012 to 3/2013
Developed educational children's games for iPad using JS, DOM and CSS for animation.
Created reusable game components and designed their APIs in JavaScript.
Debugged the integration of JavaScript games with PHP/MySQL backend services.
JavaScript, PHP, MySQL, HTML5, CSS3
2D Animation Programming, GD server side graphics library, Photoshop

Freelance Web Development - 11/2010 to 7/2012
Developed websites and email campaigns for small nonprofit and businesses.
Coded API integration with shipping company.
Designed and programmed PHP/MySQL online petition which also gathered lead information.
Performed security assessment and upgrade of vulnerable PHP site.
Designed and programmed animated photo gallery.
Administered server in shared hosting environment.
PHP, MySQL, JavaScript, HTML, CSS, Unix
Wordpress, JQuery, Google Analytics, MODX Revolution, Adobe Business Catalyst

Internet Brands - 9/2009 to 10/2010
Created automobile query configurator with Java, Spring MVC and Hibernate.
Created Java tool for remotely configuring the logging settings of multiple Tomcat servers.
Developed proprietary content management system with MySQL, PHP and JavaScript.
Created MySQL schema and PHP services to provide data in either JSON or XML format.
Java, JavaScript, PHP, MySQL, Oracle SQL, HTML, CSS
Spring MVC, Hibernate, CakePHP, JSON, XML, Eclipse, jQuery, Subversion

Education

AA Liberal Arts Transfer (Graduated with Honors)
Santa Monica College, Santa Monica, CA May 2007
Multivariable calculus, linear algebra, discrete structures & combinatorics,
algorithms & data structures in c++, assembly language

Volunteer Work

Union Rescue Mission
Prepared meals and served food at homeless shelter in Skid Row.

Friends of Ballona Wetlands
Guided volunteers in removing invasive plants to restore ecosystem and native habitat.