**Zhichen Zhao(George Zhao)**

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**SUMMARY OF QUALIFICATION**

* 6+ years of experience in mainstream programming languages such as Java, Python, JavaScript, and PHP.
* Exceptional JavaScript developer
* Excellent communication skills, work ethics and 5 years in AGILE software development experience

**EDUCATION**

* **Argosy University**

MBA                                                               Sept 2010 – March 2012

* **Washington State University Vancouver**

BS in Computer Science                                                        May 2009

* **Lower Columbia College**              **(LCC)**

Associate degree in Computer Science                             June 2006

**TECHNICAL EXPERIENCE**

* **Database** MySQL, Oracle, Postgre SQL, Mongo DB, and Cassandra
* **Frameworks** CodeIgniter, Zencart, Laravel, Magento, Wordpress, Flask, and

Django

* **JS** Angular.js, Node.js, Backbone.js, JQuery, and etc.
* **CSS** Bootstrap , Foundation, and etc.
* **System** Apache, nginX, Microsoft, Tomcat/JBoss, Linux Servers.

**WORK EXPERIENCE**

**Lead Software Engineer at NBC Universal GCP Department (Oct 2012 – now)**

* Architected and built Node.js, Angular.js based Web Interface for SiteDB. Built multi-filter tables, form validation, interactive data analytic web interface for end users.
* Designed and built Eavesdrop Project, which monitors infringing links on the fly from more than 10,000 sites (go through 10 million links weekly).
* Architected and built MongoDB and Kassandra based database to store massive NBC analytic data from YouTube—multi-billion records tables.
* Customize SiteDB CSS using SASS and modify the entire website responsive design according the department need.
* Built NBC Universal YouTube content website using Laravel as framework and Angular.js for front-end data binding, asynchronous http calls, and event handling. Retrieving and Manipulating Data through YouTube API on the website.

**Webmaster and Database Engineer AT Home Paradise Inc. (Jan 2010- Sept 2012)**

* Managing a database with hundreds of thousands of product and E-Commerce website.
* Building security features into existing system to prevent SQL injection, Session Hajacking, Session forgery, Brute Force Login, Cross-Site Scripting(XSS), CSRF and etc
* Building and maintaining web interface using Zend Cart (PHP Framework), MySQL(database), Foundation (CSS),
* Designing and implementing business analytic and accounting tools using JQuery and Code igniter Framework. In addition, building live product filters, google product indexing on the website.
* Customize CSS on the E-Commerce shopping cart, product pages, CMS tools, and etc.

**WSU                     SPRING 2009**

* Participated in a Location Based Service Team that uses mobile technology. We used a new technology Ice(a variation of EJB) for the interface the allows the communication between the server(JBoss Server) and various other clients(it can be written in any other languages such as C, C++, Objective C etc).
* I am in charge of web interface of the team project. I used technology, such as HTML, Javascripts, CSS and XML, for the web interface so that the clients could also see their own path/location online. I also used JServlet and Ajax to communicate between the server database and the web interface.
* I am also very familiar with JUnit testing which I used to test out most of the server code in this project.
* I have written some simple compilers which give me very good understanding of Heap, Stack, Scope and memory allocation in C.