Yongke Huang

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Education

University of Southern California, Los Angeles, CA   Expected, May 2014
Master of Science, Computer Science
GPA: 3.8

Shandong University, Shandong, China   June 2012
Bachelor of Science, Software Engineer
GPA: 3.8

TECHNICAL SKILLS

Programming Languages: Java, C, PHP, JSP, HTML, XML, JavaScript, Python

Applications: Eclipse, Dreamweaver, MySQL, SQL Server, MongoDB

Frameworks: Spring, MVC, CodeIgniter, Django

Platforms: Android, IOS

Operating Systems: Unix, Linux, Windows, Mac

Work Experience

HipTraveler.com LLC, Los Angeles, CA   Sep. 2013-present
- Debugged back-end problems and improved efficiency by re-designing searching algorithm
- Built connection with social websites by singly service, Expedia, Wiki Travel, Google map through their APIs.
- Operated MongoDB to fit some special service

Inspur Group, Shandong, China   Sep. 2011-Jan. 2012
- Developed digital TV online system

Gentle Tec, Shandong, China   July 2009-Sep. 2009
- Tested ERP in State Grid (Shandong)

Research Assistant, Information Sciences Institute, USC   Mar 2013-present

Application about Improving Internship
- Developed a Android application which allow user to get a role which can be bad/good intern and bad/good boss randomly and play this scenario game in Ping-Pong pattern again the other different role in order to improve students interview skills.

Web Educational Game
- Developed a website for uploading picture of on specific place by Google map to occupy a region which is just for this picture and this region will be enlarged within votes it get using Python, Django and JavaScript.
- Added comment function to allow users can leave comment to picture.

USC Project Experiences

E-commerce website   June 2013-July 2013
- Designed and implemented a basic e-commerce website using PHP, CSS, Jquery based on MySQL, Apache and Codeigniter framework.
- Created customer side for shopping including managing items in shopping cart and checking out.
- Created employee side for managing items including adding, deleting, editing their information and checking sales volume.

Weenix OS   Mar 2013-May 2013
- Implemented processes, thread, and synchronization primitives based on Wennix.
- Implemented virtual file system including file naming, file protection, file abstraction API, kernel data structures to open files and memory mapping files and sharing.

TCP/UDP Communication   Mar 2013-May 2013
- Developed a communication system including UDP part for transferring information collected from two clients to server simultaneously by two processes and TCP part for sending back corresponding instruction to client after server processing them using C.

Shandong University Project Experiences

Text matching system   April 2012-May 2012
- Built a system to do fuzzy matching among texts and highlighting the similar words by multi-thread using Java.

Web-Based Enterprise Internal Individual Performance Evaluation System
- Supported by Ocean Cable & Communications   (OCC), Japan   June 2011-July 2011
- Constructed a web system to help manager to evaluate personal performance by checking personal thank-you e-card using JSP, SQL Server, Tomcat Server and MVC framwork.

CERTIFICATES

- IBM Certified Database Administrator, DB2 9 for Linux, UNIX and Windows   July 29, 2010
- IBM Certified Database Associate DB2 9 Fundamentals   July 29, 2010