EMMA HONGYU XIANG

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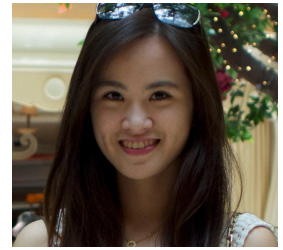
EDUCATION

Master of Science (M.S.)   Jan 2012 - Dec 2013

University of Southern California, Los Angeles, CA

- Electrical Engineering major with Computer Network concentration
- Related Courses: Computer networks, Design and Analysis of Computer Communication Networks, Web Technologies, Wireless Internet and Pervasive Computing, Analysis of Algorithm, Probabilistic Methods in Computer systems Modeling

Bachelor of Science (B.S.)   Sep 2007 - July 2011

Shandong University of Finance and Economics, China

- Electronic Science and Technology major & Finance minor

LANGUAGES

English, Chinese (mandarin)

TECHNICAL SKILLS

Programming Languages: C, HTML, HTML 5, CSS, JavaScript, PHP, SQL, Java (beginner)

Applications: Eclipse, Wireshark, Apache, MS Office, Dreamweaver, OPNET, Photoshop, Adobe Audition

PROJECT EXPERIENCE

UNIX socket programming using C Programming Language

- Stimulated a peer-to-peer logistics system via ad hoc connections using socket programming
- All communications took place over TCP and UDP sockets in client-server architecture
- Realized peer-to-peer content sharing

IOS Music Game Development

- Responsible for the art and music designing using Adobe Suite
- Designed the user interface

Web application of searching weather and Facebook Mashup (http://cs-server.usc.edu:18046/weather.html)

- Created a webpage that allows users to search for weather information using a combination of HTML, CSS, DOM, XMLHttpRequest, XML and Java Servlets
- Used AJAX, JSON and XML technologies to interchange data and generate dynamic area
- Executed server-side scripting at Amazon Elastic Compute Cloud Web Services (using PHP)
- Utilized CSS and YUI library to beautify the web page
- Used the Facebook Connect API and JavaScript SDK to authorize the user to Facebook and post an update status message to the feed

An Android Mobile Application developed on Eclipse using Java

- Wrote an Android Application which allows users to retrieve weather details and location information from Yahoo Weather through zip code or city name
- Server-side scripting using PHP and Java Servlets
- Provided an interface to post text and pictures to Facebook
- Used Java code with a combination of the Android SDK and Facebook SDK

HONOR AND LEADERSHIP EXPERIENCE

Outstanding Graduate of Shandong University of Finance and Economics   June 2011

President, Department minister   Dec 2007-Oct 2010

Students Union of Computer Science School, Shandong University of Finance and Economics, China

- Organize and facilitate summer camps to link students in C.S. Department to different companies, providing them learning experience
- Organize and facilitate charity evening event for victims in Wenchuan earthquake in 2008
- Organize and facilitate several school events including contests and evening parties

Cheerleader of Computer Science School   April 2008-May 2011

Shandong University of Finance and Economics, China