AIHUA LIU
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EDUCATION

SUFFOLK UNIVERSITY   **Boston, MA**
Master of Science in Computer Science
Dec 2011
- Selected for the highest scholarship in recognition of strong background.
- The only master student in Prof. Dan(the dean)'s research program.
- Graduate half a year earlier than normal by hard study.

Shanghai Jiao Tong University   **Shanghai, China**
Bachelor of Science, Major in Computer Science
July 2008
- Active member of Art Center, Bowling Club and Badminton Club, 2004-2007
- Responsible for organizing CCNA training in SJTU-Cisco Training Center, 2006
- Interned in Shanghai Hooxun Co., Ltd(start-up) for 2 years

EXPERIENCE

Zynga HQ   **San Francisco, CA**
Software Engineer   **April,**
2012 - Now
Work in Farmville 2 feature team. As an engineer of the first 3-D flash game in facebook, my work is mainly divided into 2 parts:
- Collaborates with others at creating optimal architecture design that makes the right tradeoffs,
- Providing tech and UI support for a client/server app that scales to millions of users, releasing new software updates weekly.

Prof. Dan's Online Social Network Research Program   **Boston, MA**
Research Assistant
Fall 2010 - 2011
- Built a simple web crawler to collect data from last.fm, storing them in mySQL.
- Analyzed the similarity of different individuals.
- Created an interactive model that quantifies the performance in large-scale social networks (more than 1M users).
- Designed a really robust and fast algorithm to maximize the use of multiple computers (32 in the lab), to capture the best termination time of processing.

SHsupertech (a start-up company)   **Shanghai, China**
Engineer – one of the 3 earliest employees, no specific department
2009-2010
- Played the role of both engineer and dev manager. At the early period, I managed to complete a project only by myself. Then as the company grows, I took part in organizing 3 devs work together for projects. I mainly worked on the projects from Intel, IBM and individuals. The projects I took (or mainly participated in):
  - Suyou Groupon: Designed by Flex and JAVA, using Remote Object as the data passing and Postgresql as the database. The whole project is an integration of Spring and Structs 2 and Hibernate.

- o Easy Installer: Designed by Flex (as the front end) and C (the back end). Designed for INTEL CO., as a part of the software installed on their notebooks only for undergraduate students, providing an easy and friendly way to download and install software from the server.
- And also a lot of individual web projects.

Wonders Info   **Shanghai, China**
Engineer – Research and Develop Department
2008
- Worked in multiple projects for Shanghai government, based on J2EE.
- For secure reasons can't tell more about them.

SKILL MASTERED

Languages
- **Be familiar with:** Java, ActionScript 3, MXML, HTML, SQL
- Intermediate Level: C, C++, PHP, Erlang, Perl, Javascript, XML
- Used a few times: Lua, Python, Delphi

Techniques and Architectures
- **Be familiar with:** J2EE, Spring, Struts, Webwork, Hibernate, FLEX, CSS, Database, OOP, Algorithms, Data Structure, Tomcat, Ant
- **Intermediate Level:** Design Patterns, AJAX, Linux, Apache

IDEs and dev tools
- **Be familiar with:** Eclipse, Virtual Studio, Netbeans, Flash Builder 4, IntelliJ, Github

Personality
- **Attitude toward work:** Responsible, Patient, Easy-going, Warmhearted, Like Challenge, Accept Criticism
- **Attitude toward life:** Adventurous, Optimistic

ADDITIONAL INFORMATION

- Created 2 Plugins for my World of Warcraft guild in 2005-2006.
- Took second place with 6 wins and 1 defeat in the 4th Bowling Carnival of SJTU.
- Native Chinese speaker, fluent in English.
- Voluntary math tutor for disabled students in subjects ranging from Analytic Geometry to Trigonometric Function for 2 years. (from 2004 to 2005)
- Like Parachute Jumping and Bungee Jumping.
- Now holding H1B visa, need H1B transfer.