

Wen Sheng

Full time Software Engineer - Graduate

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Education

EXPECTED 2016 **M.S of Computer Science, Yale University**
JUL 2011 **B.S. in SOFTWARE ENGINEERING, Tongji University**
GPA: 4.72/5.0 (92.21/100)
Main GPA: 4.91/5.0
Ranking: 1/34

Work Experience

VonVon Inc (Startup): <http://cn.vonvon.net>

SHANGHAI, CHINA

Developer Intern - one of first 2 developers in China

May 15 – Aug 15

- Worked on team to transplant website servers from Amazon AWS to Aliyun for Chinese service
- Transferred American Facebook components to Chinese social media (Wechat/Sina Weibo/QQ)
- Helped the startup to be registered website trademark and recruited new developers

University of Waterloo (Cooperated with Google)

WATERLOO, CANADA

Research Assistant & Intern - Chrome Dependency Analysis and Fix Patterns

Jun 14 – Sep 14

- Submitted ICSE, the International Conference on Software Engineering 2015 as co-author
- Generated dependency graphs for Chromium's modules
- Wrote Python scripts to scan 2551 fix patterns
- Generated 6 recurring bugs out of all 10 for the project
- Fixed migration problems for Fault Localization Tool in Windows-XP

eBay Engineering & Research Center (Shanghai)

SHANGHAI, CHINA

Data & Data Infrastructure Intern (Developer) - Buyers' Behaviour Analysis

Feb 14 – Jun 14

Using time-series analysis and cluster model to analyse Buyers' online patterns.

- Wrote R scripts to classify users' online patterns using K-means algorithm
- Run R in Apache Spark using SparkR API
- Developed the python website to represent patterns using Highcharts JS library

Research Experience

Yale University Law School

Research Assistant - Web Scraping, Texts mining

Oct 15 – Dec 15

- Web scraping bibliography libraries
- Organizing early modern Dutch and English economics texts

TaiCang City's Government & Tongji University

Research Assistant - Web Scraping, Data Analysis and Representation

Sep 14 – May 15

- Web scrapped food price data from city website using Python BeautifulSoup
- Built taxes and water pollution prediction model
- Developed and represented analysis result in website using SpringMVC/AngularJS

IBM & Tongji University – directed by Gene Fuh, Data Servers CTO

Research Assistant - Data Analysis and Database BI Enhancement

Sep 12 – Jun 13

- Independently wrote all R scripts to build multiple kinds of neural-network models and cluster models.
 - Helped built interface in DB2 between C and R
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Society Memberships and Extracurricular Activities

University IBM Club

TONGJI UNIVERSITY

Vice President

Mar 13 – Jul 14

- Duties including arranging member activities, giving lectures to students and provoking communications with IBM and other school clubs.
- Led the volunteer team to hold 2013 Chinese Database User Group Conference with IBM
- Invited IBM engineers to build the 'Excellent Engineers' program for students in Tongji University

Student Union

TONGJI UNIVERSITY

Director of Public Relations Department

Nov 11 – May 13

- Held Girl's Day event for SE students in 2013
- Arranged conferences between SE school with other schools to communicate
- Arraised sponsorships for Freshman Welcoming Evening

Building an Summer Camp for Leftover Children

ANHUI, SHANGHAI

Team Leader and Founder

Jun 12 – Jul 12

"Left Over Children": With one or both parents going out to earn money, many children are left in their hometowns in the countryside.

- Led the team from idea creation, advocating team members, arranging the course schedule for leftover children and making connection with primary schools and universities
- Led the team to make advertising videos and posters and share in social websites
- Gave talks to advocate students join in and won the Shanghai **City Advanced Volunteer Project**.

Academic Scholarships & Honors

JUL 2014	Google Anita Borg Scholarship for Engineering, Google (Top 5 of university)
SEP 2013	National Scholarship, China (Top 2 of university class)
SEP 2012	National Encouragement Scholarship, China (Top 5 of university class)
3 YEARS	First-class Scholarship for Excellent Student, Tongji University in 2012, 2013, 2014 (Top 5 of university class)

Honors

DEC 2012	2012 Advanced Individual of Tongji University in Community Service , (Top 1%)
3 YEARS	Excellent Student of Tongji University in 2012, 2013, 2014(Top 2%)

Prizes

MAY 2013	National Second Place, CUMCM (China Undergraduate Mathematical Contest in Modelling)
OCT 2012	City Advanced Volunteer Project in Community, Shanghai(served as team leader)

Interests

Data Mining & Representation Computer Graphics

Languages

Primary: Java, Python, R, Javascript, HTML/CSS

Familiar: C/C++, PHP, LaTeX

Skills Set

Data Statistics: Matlab/R/Lingo

Database: MySQL/SQLite/DB2

Version Control: Git

Web Development: Java/Python/Javascript/PHP

Web Framework: Flask/Django/SpringMVC

Front-end: HTML/CSS/Bootstrap/AngularJS

Code Editor: Sublime/VIM/Eclipse/IntelliJ Products

Involved Fields

Data Scraping, Analysis & Representation, Android Programming, Website Developing