

## Xueliang Han (韩雪亮)

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### PROJECT EXPERIENCE

#### Academic Research Project Experience

**(Independent) Design and Implementation of Automatically Text Classification System for Chinese Micro-blog** **Oct 2012 - Present**

- Tutor: Prof. Guohong Fu
- Research field: NLP(Natural Language Processing)
- Lab: Computing Linguistics of Key Laboratory of Database and Parallel Computing , College of HeilongJiang Province

#### Engineering Project Experience

**(Independent) Build Independent Personal Website**

- Future movement: Fork Jekyll and do some modifications to meet my demand, or write one from scratch.
- Build a personal publishing site using **Markdown, Jekyll, Git, Github, Shell.** Mar 2013
- Build an independent blog using **Linux, Apache, MySQL, WordPress** from scratch. July 2012

**(Independent) TCP+UDP Network Communication Program(C/S)** Apr 2012

- Design and Implement two network communication program (C/S), working both on single machine and multiple computers.

**(Team) Small RDBMS (2 Men)**

Oct 2011 - Dec 2011

- Based on Relational Database theory, and SQLite, design and implement a RDBMS, simulate primary function of SQLite.

#### Intern Project Experience

**(Team) China Unicom Communication Assistant - Windows Client Dev.**

Feb 2012

- My responsibility is to develop two modules of windows client (Login module and message sending module), meantime, wrote a server program to test client.

#### Open Source Project Experience

May 2010 - Present

**Testing and Bug report**

- Mobile Apps: Contact+, Youdao Dict
- Desktop Software: 1.Kiwix, cross platform wiki program (Ubuntu brunch); 2.WizNote Windows brunch

**Interested In and Studied Before**

- I like Open Source, these are open source project I interested.
- Linux Kernel(C), Webkit Engine(C++), Nginx Web-server(C), PetaBox distributed storage system (archive.org)
- eMule(C++), Everything(C++), Fastcopy(C++), Markdown(Perl), Google Linear Scanner, Simply-HTML(Java)

#### Archived Projects and Project Details

Please visit (<http://xuelianghan.github.com/project.html>)

## HARD

## QUALIFICATIONS

### Programming LANGUAGE

An estimation of lines of code I wrote in college

- >10000: C, C++
- 1000-10000: CSharp, HTML, Java, Python,
- <1000: Assembly-language,  $L^A T_E X$ , LISP, Lua, Ruby, Shell, SQL,
- I'm learning SICP, and highly interested in functional programming language, such as LISP, Clojure, Go.

Language

- Primary programming language in college is C, C++, have experience of Windows development under Visual C++ and Visual Studio using C++ and C#, I use HTML do some Web Front-End development (build and maintain my website), some time write some script using Lua, Python, Ruby, Shell to do automation work, I use SQL to get data from database, .

### Professional KNOWLEDGE

Computer Science, Software Engineering, Network Security & Personal Privacy

### Specific SKILLS

Programming

- Programming in GUI, Network (TCP, UDP), Web
- Programming in Unix/Linux, Windows

Not so much programming

- Hacking & Cracking: Network Security, Reverse Engineering, Personal Privacy
- System Administrator & Super Computer User: Linux, Mac OS X, Windows, Android, BlackBerryOS, iOS, PalmOS
- Type Setting & Text Processing:  $L^A T_E X$  ( $T_E X$ maker), markdown, Word(MS-Office)
- Useful: Driving(car, motor, bicycle), Over GFW

### Craftsman's TOOLS

- **Unix/Linux Development Tools Kit:** Compiler(GCC), Editor(Vi/Vim, Emacs), Version-control(Git), OS-distro (Arch, Fedora, Ubuntu)
- **Windows Development Tools Kit:** Database(SQLite expert), Editor(Notepad++), IDE(Visual C++ 6.0, Visual Studio), MSDN, Version-control(SVN)
- **Cross Platform:** IDE(Eclipse), Nind-map(Freemind, Freeplane, Personal-brain), Text-processing(Markdown, HTML,  $T_E X$ maker)
- **Sound Working:** Continuous Integration Environment - Jenkins(Hudson)

### Strong ABILITY to get things done

- Ability to think abstractly and hierarchically.
- Self-driven, quick starters, learn fast, and deep understanding to the principle.
- Able to distinguish the differences between techniques and choose appropriate tools to solve specific problems.

### Excellent COMMUNICATION & TEAMWORK

- 3 years of **teamwork experience** in two big social associations, be party host in college too.
- **Easy** to work with, better **interpersonal communication** than most other software engineers.
- Receive **inter-cultural communication** training in college, have some background **knowledge** and **understandings** to the culture in America, Europe, Russia, Middle East, India, South America, Africa, and Japan.
- Discuss and exchange ideas about the **science, technology, engineering** with other professionals in daily life.(Such as: Front-End, Back-End, algorithms, data structure, OS, network)

### Fluency in ENGLISH (reading, writing, listening, and translating)

- I past College English Test 4 and 6 without any preparations, my primary knowledge and information source are English books and news.
- I **read** professional English books and documents about Computer Science and **write** articles and blog in English, besides, I don't need subtitles to **listen/watch** English audio/video.
- As curiosity, I like to read books about advanced technology, science and **translate** them into Chinese for a better **understanding** and also for **fun**.

### Good at SPORTS

- I have a good physical body condition, and highly skilled in **control** and **balance** physical and mental health.
- I'm **good at** *long distance running*, and I **like** (*diving, swimming, skiing*) very much. I **played** (*ice-skating, roller-skating, basketball, football, ping-pang*) before, and for now, I'm **looking forward to** try these sports (*bungee jumping, free fall parachuting, rock climbing*)

### Awards and Honours

- Prize for Outstanding Contribution in Technical Innovative Club of Computer Science & Software Engineering of HeiLongJiang University 2010 - 2012
- Third Prize in HeiLongJiang Provincial Contest in ACM International Collegiate Programming Contest 2011
- Second Prize in HeiLongJiang Provincial Contest in ACM International Collegiate Programming Contest 2010

### Education and Self-Education

Heilongjiang University, Harbin, Heilongjiang Province, China

Sept 2009 - Present

- Undergraduate of Software Engineering
- Expected graduation date: July 2013

I read a lot, I learned from Internet, I study Open Course (Coursera, UdiCity), and currently pursuing advanced graduate degrees.

### Interests and Social Activities

#### Interests

- Art(Painting, Music, Film), Open Source, Programming, Reading, Sports, Travel

Association of **Technical Innovation** of Computer Science & Software Engineering of HeiLongJiang University May 2010 - May 2012

- Leader of Network Security Group, guide the lower student about Network Security and Personal Privacy. May 2011 - May 2012
- Member of Network Security Group of Association. May 2010 - May 2011

Association of **Enterprise**, Department of **Entrepreneur** Forum

Sept 2009 - May 2010

- Learned and practised how to make a effective communication and efficient teamwork in a group (20+ people).
- Trained to get a project done by work collaboratively with the people from different department.(200+ people)