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 Microblog   Oct 2012 - Present

- Tutor: Prof. Guohong Fu
- Research field: IR(Information Retrieval, 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
- Working on: 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
- 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
- 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, SimplyHTML(Java)

Archived Projects and Project Details

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

AWARDS AND HONOURS

Prize for Outstanding Contributions to Technical Innovation Club, HeiLongJiang University	2012
Third Prize in HeiLongJiang Provincial Contest in ACM/ICPC	2011
Second Prize in HeiLongJiang Provincial Contest in ACM/ICPC	2010

EDUCATION AND SELF-EDUCATION

Heilongjiang University, Harbin, Heiloangjiang Province, China   Sept 2009 - Present
- Undergraduate of Software Engineering
- Expected graduation date: July 2013

Self-Education: I read a lot, and learn from Internet, I study Open Course (Coursera, Udicty), and currently pursuing advanced graduate degrees.

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, Shell, SQL,
- Highly interested in functional programming language, such as LISP, Clojure, Go.

Extensive KNOWLEDGE of Computer Science
Solid foundation in Computer Science and Software Engineering, have training on Network Security and Personal Privacy

Specific SKILLS
- Programming with GUI, Network (TCP, UDP), Web in Unix/Linux, Windows
- Hacking & Cracking in Network Security, Reverse Engineering, Personal Privacy
- System Administrator & Super Computer User in Linux, Mac OS X, Windows, Android, Black-BerryOS, iOS, PalmOS
- Type Setting & Text Processing with $L^A T_E X (T_E X$ maker), Markdown, Word(MS−Office)
- Useful skills like Driving(car, motor, bicycle), Free-Internet(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:** Continuous Integration Environment - Jenkins(Hudson), IDE(Eclipse), Mind-map(Freemind, Freeplane, Personal-brain), Text-processing(Markdown, HTML, $T_E X$ maker)

Strong ABILITY to get things done
- Ability to think abstractly and hierarchically.
- Self-driven, quick starters, learn fast, and deep understanding to the principle.
- Distinguish 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.
- Received **inter-cultural communication** training in college, have 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.
- I **read** professional English books, documents and news, I **write** articles and blog in English, I **translate** English books into Chinese for a better **understanding** and also for **fun**, besides, I don't need subtitles to **listen/watch** English audio/video.

Good at SPORTS
- Good physical body condition, 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*)

Interests: Music, Open Source, Programming, Reading, Sports, Travel

Technical Innovation Club, HeiLongJiang University   May 2010 - May 2012
- Leader of Network Security Group, teach and guide lower student.

Association of **Enterprise**, Department of **Entrepreneur** Forum   Sept 2009 - May 2010
- Learned and practised to make a effective communication and efficient teamwork in a group.
- Trained to get a project done by work collaboratively with the people from different department.