

Zhigong Li

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<https://github.com/lizhigong>

<http://stackoverflow.com/users/1412555>

Education

- **Fudan University**
M.Sc in Computer Science Sept. 2013 – Present
- **Fudan University**
B.Eng in Software Engineering 2009 – 2013
- **University College Dublin**
B.Sc in Computer Science 2010 – 2013

Honors

- National Scholarship for Graduates 2014
- USENIX Student Grant(\$1200) 2014
- Second Grade Scholarship for Graduate Freshmen 2014
- Third Grade Scholarship for Undergraduates 2010, 2011

Skills

- **Programming:** Proficient in Java; Entry level at C, MySQL, Python
- **English:** CET-6 545; Fluent in spoken and written English
- **Tools:** Proficient in using VIM, L^AT_EX

Campus Experience

- One of the speakers in *USENIX Security Symposium 2014* 2014
- One of the founders of *Fudan Photography Association, Zhangjiang Branch* 2010
- Vice-chairman of *Fudan Photography Association, Zhangjiang Branch* 2010 – 2011

Intern/Academic Experience

- **Microsoft Summer Internship**
HTML, JS, AngularJS, Cordova 2015.7–2015.9
– Worked in Visual Studio team, and finished a prototype of mobile app for MSDN.
- **A Study in Chinese Web Passwords** Research Project
Java, MySQL Oct. 2013 – Mar. 2014
– Studied the characteristics and constitutions of Chinese web passwords
– Improved the efficiency of a guessing method based on Probability Context-Free Grammar
– One paper based on this project was accepted by USENIX Security Symposium 2014
- **Password Guessing Tools** Research Project
Java 2013
– Implemented a Java version guessing tool based on Probabilistic Context-Free Grammar
– Implemented a Java version guessing tool based on Markov Model

Publications

- **Zhigong Li**, Weili Han, Wenyan Xu, *A Large-Scale Empirical Analysis of Chinese Web Passwords*, In Proceedings of the 23rd USENIX Security Symposium, San Diego, CA, USA, August 20-22, 2014.
- Weili Han, **Zhigong Li**, Lang Yuan, Wenyan Xu, *Regional Patterns and Vulnerability of Chinese Web Passwords*, IEEE Transactions on Information Forensics and Security(TIFS), 2015.