

EDUCATION	<i>Bachelor of Science, Computer Science</i> ACM Class, Shanghai Jiao Tong University expected June 2013 <b>GPA: 89.38/100</b>
TEACHING ASSISTANT	<i>All for <b>ACM Class</b> in Shanghai Jiao Tong University</i> <i>Project Workshop of Compiler Principles</i> Spring 2012 We designed a new language like a mixture of C and Java for our sophomores to implement.  <i>Set Theory and Mathematical Logic</i> Fall 2011 I provided 2 office hours for sophomores weekly, helped them with homework and led a discussion.  <i>Principle and Practice of Computer Algorithms</i> Summer 2011 I guided some of my juniors to design and implement a FTP based course website for ACM Class.
RESEARCH EXPERIENCE	<i>Intern, HP Labs China</i> July 2012 ~ Feb 2013 Supervised by Yongqiang Liu, I am working on 802.11u protocol, especially GAS. <ul style="list-style-type: none"><li>• Devised three types of attack to <b>GAS</b> and corresponding countermeasure.</li><li>• Implemented a <b>Hotspot 2.0</b> capable client on laptop.</li></ul>
PROJECTS	<i>Tiger Compiler(Course Project)</i> Spring 2011 A compiler for language Tiger written in Java. Lines of Code: <b>15, 000</b> <ul style="list-style-type: none"><li>• Used quadruple instead of tree as intermediate representation.</li><li>• Used linear scan algorithm instead of graph coloring for register allocation.</li><li>• Applied optimization like DAG, loop unrolling, and peephole optimization etc.</li></ul> <i>Paike Website</i> Spring 2012 A website to assign tasks and jobs for clubs in Shanghai Jiao Tong University. <ul style="list-style-type: none"><li>• Assigned jobs to peers using simple matching algorithm or handwork.</li><li>• A user friendly UI for both managers and members of clubs.</li></ul> <i>Note: 10+ projects hosted on GitHub(@furtherLee). Details in the <b>project list</b>.</i>
PUBLICATION	<ul style="list-style-type: none"><li>• Yongqiang Liu, <b>Shijian Li</b>, Junqing Xie: u-Shield: <i>A Defense Mechanism to Prevent AP from I/O Blocking Attack with IEEE802.11u</i>. HP Tech Con '13(submitted)</li><li>• Yongqiang Liu, Xunteng Xu, Junqing Xie, <b>Shijian Li</b>, Qunyang Lin: <i>A Flexible, Secure and High-Performance Hotspot2.0 Service System for HPN MSGN APs</i>. HP Tech Con '13(submitted)</li></ul>
PATENT	<ul style="list-style-type: none"><li>• Yongqiang Liu, <b>Shijian Li</b>, Junqing Xie: <i>A Solution to Prevent an I/O Blocking Attack to AP with IEEE802.11u</i></li><li>• Yongqiang Liu, <b>Shijian Li</b>, Junqing Xie: <i>A Solution to Protect Memory Attack to AP with IEEE802.11u</i></li></ul>
EXTRA-CURRICULAR ACTIVITIES	<ul style="list-style-type: none"><li>• Activist in iTuring Community – Translating IT books and articles into Chinese</li><li>• Cofounder of AngularJS Chinese Community(angularjs.cn) – Unofficial community to learn and develop AngularJS based web applications</li><li>• Volunteer of Expo 2010 Shanghai – Star of Volunteers</li></ul>
COMPUTER SKILLS	<b>C, C++ and Java Master</b> PHP, JS, LUA Amateur Linux and System Geek Architecture Zealot