

EDUCATION	<i>Bachelor of Engineer, Computer Science</i> (expected) July 2013 ACM Teaching Reform Class, Shanghai Jiao Tong University Original GPA: 89.38/100 Rank: 2/30 GPA: 3.82/4
PROJECTS	Being a hacker who makes useful tools and web things in C, C++, Java, Lua and PHP with <i>10+ projects hosted on GitHub(@furtherLee)</i> . Details in the project list on www.lishijian.com. <i>HP SMC(Seamless Mobile Connectivity) Project</i> July 2012 ~ Now Worked on HP SMC project to bring a cellular-network-like end-user experience to Wi-Fi authentication and roaming, during my internship in HP Labs China. My contributions include: <ul style="list-style-type: none">• 3 papers and 3 patents cooperated with my supervisor Yongqiang Liu;• A Qt4 wireless management client on Linux with auto AP discovery and selection utility;• A suite of stress test tools written in C and Lua for Hotspot2.0 enabled HP APs;• A wireless management client with EPA-SIM authentication on android. <i>Tiger(Course Project)</i> Spring 2011 A compiler for language Tiger written in Java. Code: 15,000 Lines <ul style="list-style-type: none">• Used quadruple as intermediate representation, linear scan algorithm for register allocation.• Applied optimization including DAG, loop unrolling and peekhole etc. making a 8-queen program running on spim for only 24,000 instructions. <i>TeNet(Course Project)</i> Fall 2011 A mini IP/TCP protocol stack running on a simulator written in Java. <ul style="list-style-type: none">• Implemented ARP, L2 Switch, IP, TCP and DV for dynamic routing, all in 1 month;• Being the only one who finished all tasks with a score of 100(ranked 1 out of 30). <i>Paiké Website</i> Spring 2012 A website written in PHP, HTML5 and JS, finished in 2 days, providing fast job assignment service. <ul style="list-style-type: none">• Assigned jobs to peers using Hungarian algorithm or handwork for managers.• Made job assignment only a one-click work from a 1-hour struggle in a group of 78 members.
PUBLICATION	<ul style="list-style-type: none">• Yongqiang Liu, Shijian Li, Junqing Xie, Xunteng Xu: <i>Security Analysis and Improvements of IEEE802.11u</i>. WoWMoM 2013(submitted)• Yongqiang Liu, Xunteng Xu, Junqing Xie, Qunyang Lin, Shijian Li, Ran-Fun Chiu, Paul Congdon, Stephane Laroche, Rob Fowler, and Kyu-Han Kim: <i>Hotspot2.0: a Seamless Roaming Enhancement for HPN MSM Wi-Fi Systems</i>. HP TechCon'13(submitted)• Yongqiang Liu, Xunteng Xu, Shijian Li, Junqing Xie, Qunyang Lin: <i>An Intelligent and Robust Extension to Hotspot2.0 Client</i>, HP TechCon'13(submitted)
PATENT	<ul style="list-style-type: none">• A Solution to Prevent an I/O Blocking Attack to AP with IEEE802.11u (to be filed)• A Solution to Protect Memory Attack to AP with IEEE802.11u (to be filed)• A Solution to Bogus GAS Response Attack with IEEE802.11u (submitted)
COMPUTER SKILLS	C, C++ and Java Master PHP, JS, LUA Amateur Tex Enthusiast Linux and System Hacker Software Architecture Zealot Agile Developer
TEACHING ASSISTANT for ACM Class	<ul style="list-style-type: none">• <i>Project Workshop of Compiler Principles</i> Spring 2012 <i>We designed a new language like a mixture of C and Java for our sophomores to implement.</i>• <i>Set Theory and Mathematical Logic</i> Fall 2011• <i>Principle and Practice of Computer Algorithms</i> Summer 2011
EXTRA-CURRICULAR ACTIVITIES	<ul style="list-style-type: none">• Activist in iTuring Community – Translating IT books and articles into Chinese• Cofounder of AngularJS Chinese Community(angularjs.cn) – Unofficial community to learn and develop AngularJS based web applications• Volunteer of Expo 2010 Shanghai – Star of Volunteers