

Yuqing Guan

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Education

Columbia University , New York <i>M.S. in Computer Science</i> – GPA: 4.16	Sept. 2014 – Dec. 2015 (Expected)
Peking University , Beijing, China <i>B.S. in Computer Science</i> – Ranking: Top 15%	Sept. 2010 – July 2014

Work Experience

Offerlead (A Startup Company) <i>Founding Member</i> <ul style="list-style-type: none">◇ Set up the back-end server for a career building website on Aliyun Elastic Compute Service.◇ Developed the server side of this site; designed databases for user management and career information.	Mar. 2014 – July 2014
Search Engine and Web Mining Group , Peking University <i>Research Assistant</i> <ul style="list-style-type: none">◇ Developed the front end of a recommendation system based on micro-blog users' commercial intentions.◇ Completed the graduation thesis on linking users across different online communities.	Sept. 2012 – June 2014

Selected Projects

WIT: Wireless transfer on Android and iOS devices <i>Project Leader</i> <ul style="list-style-type: none">◇ Devised an application-layer protocol to build a file-sharing network among mobile devices in the same subnet.◇ Implemented multi-threaded secure transmission of apps, contacts and files.	May 2013 – July 2013
YIPS: Campus Information Publishing System <i>Dev Team Leader</i> <ul style="list-style-type: none">◇ Designed the modular structure of YIPS, a client-server protocol, the server-side and local databases.◇ Implemented the server program and connected it to Peking University's authentication system.◇ Detected and helped to fix a JavaScript injection vulnerability in the university's authentication system.	Mar. 2013 – June 2013
Three Meows: Data mining tools for Chinese micro-blogs <i>Project Leader</i> <ul style="list-style-type: none">◇ Developed tools to cluster micro-blog users, visualize the clustering results, classify users' interests and display related news fetched from a search engine.	Nov. 2012 – Dec. 2012
MiniJava Compiler: Compile MiniJava to MIPS assembly <i>Independent Work</i> <ul style="list-style-type: none">◇ Completed a program to translate MiniJava to MIPS assembly, reduce the use of registers and optimize the object code.◇ Passed all five automatic tests perfectly and received a 99, the highest score in the <i>Practice for Compiler Design</i> class.	Sept. 2012 – Dec. 2012

Awards and Honors

✧ Houston Beida Alumni Association Scholarship, Peking University (Top 8 in 73)	Oct. 2013
✧ May 4 th Scholarship, Peking University (Top 12 in 73)	Oct. 2011
✧ 8 th Place in Peking University Gobang AI Competition (Best in all 1st year students)	Dec. 2010

Skills

Languages	C/C++, Java, C#, Objective-C, Pascal, SQL, HTML/JavaScript/CSS, UNIX Shell Scripting, Assembly, \LaTeX
Tools	Apache HTTP Server, Tomcat, MySQL, Microsoft SQL Server