

Yuandi Jin

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EDUCATION

- Columbia University in the City of New York**, New York September 2011 - Present
M.S. in Computer Engineering GPA 3.9/4.0 Expected Graduation: Dec. 2012
Relevant coursework: Analysis of Algorithms, Programming Language and Translator, Formal Verification, Introduction to Databases, Advanced Database Systems, Computer Networks, Visual Search Engine
- National Institute for Applied Sciences, Lyon (INSA-Lyon)**, Lyon, France September 2010 - February 2011
Exchange, Telecommunication
CMIRA Top Host Fellowship (top 6 in whole department, € 3600/6 months)
- Shanghai Jiao Tong University (SJTU)**, Shanghai, China September 2007 - June 2011
B.S. in Information Engineering SJTU Excellent Graduate (1 in whole class)
Relevant coursework: Programming I/II (C++), Algorithms and Data Structures (C++)

WORK EXPERIENCE

- Website/Software Developer**, ABT Internet, Inc. May 2012 – August 2012
- Built large-scale databases (MySQL) working for a website (*seo-tools.abt.net*) of online SEO (Search Engine Optimization) services
 - Developed 6 SEO tools to improve websites' visibility in search result, including *SEO Statistics*, *Page Speed Estimate*, *Page Info*, *Sitemap Generator*. (10000+ lines, HTML, PHP, Selenium, JavaScript)
 - Integrated all tools and added user-interface for the site (PHP, JavaScript, JQuery, CSS)

COURSE PROJECTS

- Advanced Database System**, Columbia University September 2012 – December 2012
- Built an information retrieval system that exploits user-provided relevance feedback to improve the search results returned by *Bing* (Java)
 - Implemented the web database classification algorithm and content summary extraction algorithm (Java)
- Programming Language and Translator Design**, Columbia University January 2012 - May 2012
- Designed a translator for a language *NewLogo* that facilitates entry-level programmers willing to draw 2D graphics freely and gain hands-on experience in geometry and complex shapes (OCaml, 3000-line code)
 - Acted as system architect in a group of five, supervised construction and integration of every module
- Network Application Design**, Columbia University September 2011 - December 2011
- Developed a reliable on-line chat application *UdpChat* in Linux (C) with additional functionalities like log-on, log-off and sending off-line messages
 - Constructed a detailed model (C) to implement link-state routing protocol

ACTIVITIES

- Water Quality Survey**, Fuzhou, China Summer 2008
- Distributed 100+ surveys to randomly selected addresses near inland rivers
 - Reported by influential local newspaper *Fujian Daily* and caught attention of the government
- Warm Winter - Love and Care Leukemia Patients**, Shanghai, China Winter 2007
- Aided and encouraged 11 Leukemia children in *Shanghai Ruijin Hospital*
 - Received wide acclaim and achieved top prize in SJTU Public Welfare Activity (1st in year)

SKILLS

Computer: C, C++, Java, MySQL, HTML, CSS, PHP, JavaScript, Matlab, Windows and Linux OS
Language: Advanced Mandarin Chinese and conversational French