

Qinglin Li

Born on June 1, 1993. Male.
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I'm a student of **ACM Honored Class** of Shanghai Jiaotong University. I started programming around 2003 and I'm experienced in various programming languages and techniques. And I'm interested in *web development* and *software engineering*. My primary research interest includes *machine learning* and *computer vision*.

Education

- B.S. in Computer Science. 2011.9 - 2015.6 (expected)
ACM Honored Class, Shanghai Jiao Tong University.
- Mianyang High School. 2008.9 - 2011.6

Personal Experience

- **Research Intern**, *Microsoft Research Asia* 2014.8 - 2015.2 (excepted)
Advisor: Dr. Mu Li
Research Area: Natural Language Processing.
- **Research Student**, *BCMI Lab* 2013.7 - present
Advisor: Prof. Liqing Zhang
Research Area: Machine Learning and Computer Vision.
- **Teaching Assistant**, *C++ Programming* 2013.9 - 2014.1
Leader of the TA team.

Selected Projects (more details)

- **Ranking Tool Research Capacity in CS**: a project for *Prof. John Hopcroft's* seminar, which visualizes and compares the CS research productivity, quality and impact of countries and institutions.
- **C Language Compiler**: a project written in Java, which supports most features of C Language and targets the MIPS architecture. It contains a full implementation of several optimization.
- **Nachos Operating System**: a project written in Java, including threading and multiprogramming, cache and virtual memory, and a self-designed file system.
- **Simulated CPU**: a project written in verilog, including a full implementation of tomasulo algorithm with buffers. It is able to execute a turing complete subset of MIPS assembly language.
- **SJTU Online Judge**: (Cooperated with classmates) a publicly available online system written in PHP for testing programs in programming contests, which is used for auto-grading homeworks and exams for several courses and leverages open source softwares such as Linux, nginx, Varnish, MySQL, Redis, memcached, etc.

Awards

- **Honorable Mention(Second Prize)** in Mathematical Contest in Modeling (MCM), 2014.
- **Third Prize** in China Undergraduate Mathematical Contest in Modeling (CUMCM), 2013.
- **Silver Medal** in China's National Olympiad in Informatics (NOI), 2010.
- **First Prize** in China's National Olympiad in Informatics in Provinces (NOIP), 2009.

Skills

- Basic understanding of Machine Learning and Computer Vision algorithms.
- Languages and Techniques: Ruby, Java, Python, C/C++, Matlab, javascript, PHP, HTML, Rails, etc.