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. I'm interested in *web development* and *software engineering*. And 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.

Personal Experience

- **Research Intern**, *Microsoft Research Asia*   2014.8 - 2015.2 (excepted)
  Advisor: Dr. Mu Li
  Research Area: Natural Language Processing.

- **Research Assistant**, *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.

Skills

- Machine learning related: Python, Matlab, C/C++.

- Web development related: Ruby, Rails, HTML, javascript, CSS, PHP.

- Desktop application development related: Java.

Selected Projects (more details)

- **Crowd Density Estimation in Video**: a college student innovation project, which estimate the crowd density in high density and high occlusion scenes with machine learning techniques in videos.

- **Ranking Tool Research Capacity in CS**: a project for *Prof. John Hopcroft*'s seminar, which visualizes and compares the Computer Science research productivity, quality and impact of countries and institutions.

- **Fatworm Database**: A complete relational database system built from scratch. It contains a implementation of SQL parser, SQL engine and JDBC interface.

- **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 scratch for operating system, including threading and multiprogramming, cache and virtual memory, and a self-designed file system.

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(Second Prize)** in China's National Olympiad in Informatics (NOI), 2010.