QINGLIN LI

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EDUCATION

Northwestern University   SEP 2015 - DEC 2016(Expected)
M.S. in Computer Science
Course Works: Machine Learning, Biometrics, Data Science

Shanghai Jiao Tong University, China   *GPA: 86.8/100*   SEP 2011 - JUN 2015
B.S. in Computer Science & Engineering
Course Works: Statistical Learning, Scientific Computing, Algorithms, Operating System, Computer
Network, Database, Computer Architecture, etc.

EXPERIENCE

Research Intern *Microsoft Research Asia, Beijing*   AUG 2014 - FEB 2015
- Worked in Natural Language Computing team, supervised by Dr. Mu Li
- Worked on English-Chinese relationship mining from massive Internet text data
- Worked on entity translation problem in the knowledge bases

Research student *BCMI Lab, Shanghai Jiao Tong University*   JUL 2013 - AUG 2014
- Worked on Computer Vision, supervised by Prof. Liqing Zhang.
- Worked on Video based Crowd Density Estimation project, which is selected as the Shanghai
  Innovative Practical Project.

COURSE PROJECTS

GitHub: https://github.com/lostleaf
Database System Lab   Java
- A complete relational database system built from scratch.
- Contains a implementation of SQL parser, SQL engine and JDBC interface.

Nachos Operating System Lab   Java
- A scratch for operating system.
- Contains threading and multiprogramming, virtual memory, and a self-designed file system.

Compiler Lab   Java
- A compiler supports most features of C Language and targets the MIPS architecture.
- Contains a full implementation of several optimization.

Computer Architecture Lab   Verilog
- A MIPS CPU with a full implementation of Tomasulo algorithm.

AWARDS

Honorable Mention(Second Prize) in Mathematical Contest in Modeling.   2014
Second Prize in University Scholarship.   2013
Second Prize in China's National Olympiad in Informatics   2010

SKILLS

Programming Languages	C/C++, Java, Ruby, Python, MATLAB
Application Development	HTML, CSS, Bootstrap, Ruby on Rails, Java Swing
Machine Learning & Vision	scikit-learn, scikit-image, OpenCV
Tools & Others	Vim, LATEX, Linux/Mac OS X, MySQL