

# QINGLIN LI

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## EDUCATION

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

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

## EXPERIENCE

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**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

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**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 multiprocessing, 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

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**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

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<b>Programming Languages</b>	C/C++, Java, Ruby, Python, MATLAB
<b>Application Development</b>	HTML, CSS, Bootstrap, Ruby on Rails, Java Swing
<b>Machine Learning &amp; Vision</b>	scikit-learn, scikit-image, OpenCV
<b>Tools &amp; Others</b>	Vim, L <sup>A</sup> T <sub>E</sub> X, Linux/Mac OS X, MySQL