JIAJUN LI

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EDUCATION

BS	Shanghai Jiao Tong University, Computer Science	2013 ~ Present
	ACM Honored Class	

Major GPA   3.65 / 4.00

Best two student in CS217, Algorithm Design and Analysis   Autumn 2014

AWARDS & ACHIEVEMENT

Academic Excellence Scholarship of Shanghai Jiao Tong University (top 50%) 2014
Academic Excellence Scholarship of Shanghai Jiao Tong University (top 15%) 2015
ELEME Scholarship in ACM Honorer Class (top 2/31)   2015
Meritorious Winner, Mathematical Contest in Modeling(**top 15%**)   2015
   MCM is a multi-day mathematics competition held annually in USA.
Champion, Debate Competition, Shanghai Jiao Tong University   2015

PROJECT

Mythread: An Useful C Library to Terminate Deadlock (Course Project)   2015.11
   Develop a C library to detect deadlock, and help programmer to deadlock resolution.

The CPU with Five-stage Pipeline and Second Level Cache (Course Project) 2015.4
   The CPU design is based on MIPS ISA architecture of five-stage pipeline with fully
bypassing and second level cache used in virtual memory management technique.

Simplified Tiger Compiler (Course Project)   2015.4
   Compiler implementation for a simplified version of C language called tiger, from lexical
analysis to code generation with optimization.

RESEARCH EXPERIENCE

Research Intern at Apex, Shanghai Jiao Tong University, China   2016.1 ~ Present
   Mentor: Yong Yu
   - Studied methods of data & knowledge mining.
   - Analyzed Computational Advertising and Conversion Attribution Models.

Research Intern at Microsoft Research Asia, Shanghai, China   2015.6 ~ 2016.1
   Mentor: Pinyan Lu
   - Studied algorithmic game theory.
   - Generally considered simple auction, focused on the approximation and other properties.

Research Intern at Shanghai Jiao Tong University, Shanghai, China 2015.1 ~ 2015.6
   Mentor: Xiaotie Deng
   - Studied economic models and analyzing.
   - Analyzed internet platform economics, cooperation or competition.

TEACHING EXPERIENCE

Chief Teaching Assistant in MS105, Data Structure   Spring 2015
Set up teaching plans, the course project and made up problems of normal tests.

Chief Teaching Assistant in MS106, PPCA   Summer 2015
PPCA(Principle and Practice of Computer Algorithms).
Set up teaching plans and led a discussion meeting of Randomized Algorithm.

Teaching Assistant in CS217, Algorithm Design and Analysis   Autumn 2015
Took exercise lessons and corrected students homework.

SKILLS

Programming:
Skilled In: Java, C/C++, Python and R language.
Used: Pascal, Matlab, Lingo, HTML, Latex and Verilog HDL.
Arts:
Skilled In: pencil sketch (certificate of Level Seven in China)
Used: Oil painting and modernized doodle.