Lu Shengliang

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Education

B.S. Computer Engineering — GPA 4.47/5.00   *Anticipated Graduation: May, 2016*
Nanyang Technological University, Singapore

Experience

Contestant, *2013 ACM-ICPC Asia Jakarta Regional Contest*   *Oct 2013*
- Participated on behalf of School of Computer Engineering Nanyang Technological University
- 3 questions solved in team

Contestant, *National Olympiad in Informatics, China*   *Jul 2010*
- Solved algorithm questions in pascal under linux enviroment
- Bronze medalist

Contestant, *National Olympiad in Informatics in Provinces, China*   *2006 - 2011*
- Solved algorithm questions in Pascal under windows enviroment
- Won several first prizes and second prizes

Skills

Programming: C, Java, Python, Verilog, Assembly, Pascal, Haskell, LaTeX, MATLAB

Operating Systems: Linux(Ubuntu, Fedora), Windows

Applications: Emacs, Eclipse, Xilinx, ModelSim, NetBeans, Vim

Hardware Testing Devices: Function Generator, Oscilloscope

Project Highlights

- Used Verilog to program a basic MIPS-like CPU under simulation
- Designed and constructed a blood pulse wave data acquisition system that consists of PPG sensor, signal conditioning, data acquisition, and MATLAB post processing
- Managed an online invigilation software development and programed software server part
- Founded NTU ACM team "FSM", collected algorithm code clips and opened cheat sheet source code

Leadership Activities

Project Manager, CE2006 Software Engineering   *Jan 2014 - May 2014*
Vice President, NTU Cultural Activities Club, Dragon & Lion Dance Troupe   *Aug 2013 - May 2014*
Team Leader, ACM-ICPC Asia Jakarta Regional Contest team "FSM"   *Oct 2013*