

# LU SHENGLIANG

<https://github.com/lushl9301>

[https://medium.com/Lu\\_Shengliang](https://medium.com/Lu_Shengliang)

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## EDUCATION

**B.Eng. Computer Engineering — GPA 4.47/5.00**

Nanyang Technological University, Singapore

*Anticipated Graduation: May, 2016*

## 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, L<sup>A</sup>T<sub>E</sub>X, 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*