# Education

Southeast University ,Nanjing ,China — Bachelor in Information Science and Engineering expected Jun.2015

**Major Course**: Computer Architecture & Logic Design, Fundamentals of Circuit, Signals and Systems, Probability Statistics & Stochastic Process, Electronic Circuit, Electromagnetic Fields and Waves, Digital Signal Processing, Communication Electronic Circuit, Digital Communications, Communication Network.

CET 6:542/CET 4:595 GPA:3.4 /5

# Internship

microsoft research Asia summer camp ,Beijing — 2013.8

* Learnt and used windows azure platform to deploy applications.
* Participated in Bing’s user data collection and analysis.
* Received training on kinect for windows and embedded development.

China Telecom Yangzhou branch ,yangzhou — 2013.7

* Learnt and used the the communication monitoring and management system.
* Maintained linux sever.
* Detected and reported the faults in server logs;

China Central Television Animation channel,NANJING — 2013-present

* Participated in creation of video program.
* Edited video using Adobe After Effects.

# Academic Experience

team leader,school key project gpu parallel GPS software receiver — 2013.1-2013.12

**Purpose:**This project intend to develop a GPS signal processing system based on Nvdia CUDA framework.

* Developed a software to acquire and track GPS signal frequency for signal processing by CUDA C++ language.

# Da Ju

+86-18952599606 jvdajd@gmail.com Southeast University Jiulonghu Campus, Nanjing ,Jiangsu ,China

* Focused on parallel computing algorithm optimisation using GPU.
* Published a paper according to the results achieved.“New Parallel Tracking Algorithm for Navigation Signal Based on GPU Computing” published on Journal of Nanjing University of Aeronautics and Astronautics.(second author)

team member,Course Design of Computer Organisation and Architecture — 2013.8-2013.9

**Purpose**: This design aimed to design a central air conditioning control unit by VHDL language.

* Used VHDL language to design and write a simple air conditioning control through Quartus II, and reached the effects of step control switchers and temperature;
* Applied the design concept of “status machine”, making different statuses corresponding to different values of input control signal.

# Social Work Experience

VICE MINISTER ,BOSCH CAMPUS CLUB -2013-8-PRESENT

* In charge of public relation
* Organized over 50 students to take part in bosch Nanjing family day.

Vice minister,microsoft student tech club tech department — 2013.1-2013.12

* Trained new recruits.
* Maintained club server and developed the club’s news.io website.

# Skills

* Good at program developing with C++ and Python
* Good at calculating and analysing signals with Matlab
* Good at circuit design and simulation with VHDL/Quartus II 9.0.
* Familiar with embedded development based on raspberry Pi.
* Mastered the oscilloscope, function generator, spectrum analyser.

# References

You may visit my github page: <https://github.com/kururucn>

My personal blog: [kutopia.me](http://kutopia.me) (in chinese)

My technical blog:http://[www.cnblogs.com/kururu/](http://www.cnblogs.com/kururu/) (in chinese)