

WAN HU

Curriculum Vitæ



No.56, West 3rd Ring North Road,
Haidian district, Beijing 100048
(+86) 152 10594789
mail@wanhu.me
<http://www.wanhu.me>

RESEARCH EXPERIENCE

APRIL 2013 – APRIL 2012

Project supported by the COLLEGE STUDENTS RESEARCH AND CAREER-CREATION PROGRAM OF CAPITAL NORMAL UNIVERSITY

- Project Principal
- *Design of FIR Digital Filter based on Nios II*
- Solved the FIR IP core design, programmed in hardware description language to filter audio

JUNE 2011 – JUNE 2012

Project supported by the LABORATORY PROGRAM FOUNDATION OF CAPITAL NORMAL UNIVERSITY

- Project Principal
- *Study on Mass Data Processing Based on Hadoop*
- Analyzed Hadoop's mass data sorting algorithm *TeraSort*, applied to real project as a benchmark
- Won the EXCELLENCE AWARD

APRIL 2011 – APRIL 2012

Project supported by the BEIJING COLLEGE STUDENTS RESEARCH AND CAREER-CREATION PROGRAM

- Project Member
- *Research on Power Consumption and Cache-aware Scheduling Algorithm for Multiprocessor Systems*
- Participated in developed a Cache-aware scheduling algorithm for multiprocessor systems
- Administered the algorithm testing and simulation on Linux system, handled, analyzed experiment data
- Won the second prize of BEIJING COLLEGE STUDENTS RESEARCH AND CAREER-CREATION PROGRAM

APRIL 2010 – APRIL 2011

Project supported by the NATIONAL UNDERGRADUATE INNOVATION PROGRAM

- Project Principal
- *Routing Management Conversion Interface's Design and Implementation under Unix/Linux Systems*
- Studied the routing management function on the Unix/Linux systems (based on GNU routing software *Zebra*)
- Designed and implemented routing management conversion interface
- Accepted after school reception process, and reduced surplus spending by applying the system in networking laboratory

EDUCATION

2009 – 2013 **Undergraduate**
COMPUTER SCIENCE & TECHNOLOGY
Capital Normal University
GPA 3.93/5

HONORS AND AWARDS

- 2013 **Excellent graduates of Capital Normal University**
Capital Normal University
- 2012 **The 2nd prize of Beijing College Students Research and Career-creation Program**
Beijing Municipal Education Commission
- 2012 **The Excellence Award of Laboratory Program Foundation of Capital Normal University**
Capital Normal University
- 2011 **The 3rd prize of the 6th National Information Technology Application Level Competition**
The Education Management Information Center of Ministry of Education, China
- 2011 **The 2nd prize of the 2nd Beijing College Students Computer Application Contest**
Beijing Municipal Education Commission
- 2010-2012 **National Scholarship for Encouragement**
Ministry of Education of China

WORK EXPERIENCE

SEPT 2012 – JAN 2013

COMPUTER ARCHITECTURE AND CPU DESIGN PRACTICE Tutor

College of Information Engineering, CNU

Guided students with severe challenges through courses and designed simple tactile learning experiences.

SUMMER 2012

Summer Intern at EDA Laboratory

College of Information Engineering, CNU

Worked on design of digital signal processor based on DSP Builder.