Curriculum Vitae

Basic Information

♦ **Name** : Liu Beibei （刘北北） ♦ **Student's ID**: 2011019060027

♦ **Phone Number**: 1-424-465-0174   ♦ **Email**: liubeibei789@gmail.com

♦ **School**: Yingcai Experimental School   ♦ **Major**: Electronic Science

Academic Performances

♦ **GPA**: 3.87   ♦ **TOEFL**: 105   ♦ **GRE**: 322+3.0   ♦ **Ranking**: 12_{th}

♦ **Ranking 26_{th} in the total 600 students** of Communication and Information School

♦ As the **top 5% students** of the major, entering "Talent Scheme" program

♦ Ranking 4th in Yingcai Experimental School, getting "**Seagate Scholarship**" in grade 2

♦ Win the **First Class of "People's Scholarship"** in Grade 3

♦ Win the **First Class of "People's Scholarship"** in Grade 4

Other Awards and Learning Experiences

♦ Join the Mathematical Modeling training, winning the **excellent award in the Mathematical Modeling** competition of UESTC

♦ Join the **ACM-International Collegiate Programming Contest training** ,solving many problems on the "online judge" platform, possessing the abilities of algorithm, logic and programming

♦ Win the third prize in **National English Contest** for College Students in 2012

♦ Win the second prize in **National English Contest** for College Students in 2013

♦ Pass the National Computer Test Band 2 **(language c)**

♦ Pass the National Computer Test Band 3 **(Network Engineer)**

♦ Selected as an **exchange student** sponsored by Chinese government and UESTC to go to **UCLA** (University of California, Los Angeles)

Research and Project Experience

♦ Enter the National Key Laboratory of anti-interference, doing **Power line-carrier-communication research** under the guidance of Professor Hu Jianhao.

◊ Do communication-link-simulation with the aid of Matlab and Simulink

◊ Implement the design in DSP and FPGA, based on CCS and ISE developing environment

♦ **Principle of Computer and Embedded System**

◊ The design and implementation of a universal asynchronous transceiver UART

◊ The design of the arithmetic logic unit (ALU) and VHDL code implementation

♦ **Principle of Digital Communication and Mobile Communication**

◊ The design and simulation of OFDM system using Matlab

◊ The influence of shadow fading in communication

♦ **Digital Signal Processing**

◊ Signal decomposition and reconstruction based on wavelet transform

◊ Noise elimination of speech signal based on adaptive filtering

♦ **Computer Network**

◊ Implementing package capture of the network layer data by programming

◊ Realize the development of multithreaded server on the Linux operating system (ubuntu)

◊ Simulation of the process of rdt 2.0 sending and receiving data by programming

♦ **Digital and Analog Circuits**

◊ The design of the automatic gain control (AGC) circuit

◊ The design and manufacture of 555 circuit touch switch

Prizes in Campus and Social Activities

♦ Get the **silver medal** in sports meeting of UESTC in 2012, 1500 meter running

♦ Get the **bronze medal** in sports meeting of UESTC in 2013, 1500 meter running

♦ Win the **gold medal** in the table tennis competition of school in 2012

♦ Brilliant performance in the **Model United Nations** as the representative of Kuwait

♦ Be the **leader of the News Center** of Communication School, leading the team to get the highest score of communication in sports meeting.

♦ Be **excellent bilingual volunteer** of "Fortune Global forum" in 2013

♦ Be **student supervisor of 2013's freshmen** of Yingcai Experimental School, honored as one of the best 20 supervisors in UESTC