

## Education

- **Xi'an Jiaotong University** Xi'an, China  
*Master and Doctoral Project of Computer Science and Technology;* Sep. 2013 – N O W
- **Xi'an Jiaotong University** Xi'an, China  
*Bachelor Degree of Computer Science and Technology;* Sep. 2009 – Jun. 2013
- **The Chinese University of Hong Kong** Hong Kong, China SAR  
*International Asian Study Program;* Jan. 2012 – Jun. 2012
  - **Key Courses:** Computer Design, Introduction to Java, Software Engineering, Computer Networks, Web Programming and Security, Wireless Transmission System,

## Internship

- **The School of Electronic and Information** Xi'an Jiaotong University  
*Windows Kernel Engineer* Jun. 2012 – Aug. 2012
  - Audio Media Playback;
  - Optimize the playback latency of multimedia;
  - Implement the lower filter of USB.
- **NSKeyLab of the Ministry of Education** Xi'an Jiaotong University  
*Software Engineer* Jun. 2010 – Aug. 2010
  - Work for a project of National 973 Plan;
  - Research and development on **internet public opinion**;
  - Manage some key servers.

## Project

- **Exact Analytical Solution in Physics** Vibration and Noise Control Institute  
*Numeric Calculation and Optimization* May. 2012 – Jun. 2012
  - the programing of the exact analytical solution of the vibrational energy response of a point force excited simply supported plate at high frequency;
  - Implement the program in Matlab;
  - Optimize the time and RAM the program consumed;
  - Before the optimization, the calculation will consume 15 hours to solve 30 dual-series numbers with 2\*8 cores of Xeon processors, when the dual-series numbers was beyond than 30, the program will run out all 80 GB RAM of the mainframe;
  - After the optimization, multi processes that solve 100 dual-series numbers can be executed within 10 hrs;
  - <https://github.com/shane-Git/ExactSoulvsEFEASoulofPlate>
- **USB Lower Filter of WinNT** The School of Electronic and Information  
*Windows Kernel Engineer* Jun. 2012 – Aug. 2012
  - Filter the URB between the System and Hardware;
  - Dig in the communication between USB devices and system.
  - <https://github.com/shane-Git/NewClassSystem/tree/master/FilterDriver>
- **Audio Media Playback Optimization** The School of Electronic and Information  
*Windows Kernel Engineer* Jun. 2012 – Aug. 2012
  - Based on DirectShow Framework of Win7;
  - Implement playback system with Application layer and Kernel layer filter.
  - <https://github.com/shane-Git/NewClassSystem/tree/master/DirectShow>
- **Server Management** BuyVM@US  
*Owner of VM server* Jun. 2010 – NOW

- Work with Debain System;
  - Provide OpenVPN service;
  - Support IPv4 and CERN IPv6 Protocol.
- C++0x Standard Document Translation**      Public Group Leading by imcc(MS\_MVP)  
*Translator*      *Feb. 2011 – Jun. 2011*
  - Get the permission of the standard Organization;
  - Translate the documents on C++ standards.
- The Popular Sharing Club**      Xi'an Jiaotong University  
*Technical Support and Developer, Chief Developer*      *May. 2012 – NOW*
  - Upgrade to new framework;
  - Management of two public servers in school;
  - Improve the user interface;
  - Development of the CallForStaff Online System.
- iLibrary**      Xi'an Jiaotong University  
*Technical Support and Maintenance*      *Aug. 2012 – NOW*
  - Maintenance of about 70 public Apple devices;
  - Provide instructions on the useage of the resource of library;
  - Take part in the improvement of library.
- youngChangAn**      WeChat Public Platform  
*Chief Developer and Founder*      *May. 2013 – NOW*
  - Use open event API to provide the information of events;
  - Implementation of our own events API with Django;
  - Coopration with local organization.
- Nanyang College**      Official Website  
*Chief Developer*      *May. 2013 – NOW*
  - Server Management;
  - Website Development;
  - Training Student on Web Dev.
- XJTU Linux Mirror**      Linux Mirror  
*Chief Developer*      *May. 2012 – NOW*
  - Server Management;
  - Mirror Server Development;
  - Add OpenSUSE Mirror.

## Honor

- Outstanding Final Project Rating**      Xi'an Jiaotong University  
*1% Outstanding Final Project*      *Year of 2013*
- Tecent WeChat Contest**      Tecent  
*Excellent Prize of Northwest Division*      *Year of 2013*
- Annual Overall Rating**      Xi'an Jiaotong University  
*Outstanding Graduate*      *Year of 2013*
- Mathematical Modeling Contest**      Xi'an Jiaotong University  
*Third Prize*      *Year of 2013*
- Annual Overall Rating**      Xi'an Jiaotong University  
*Outstanding Student*      *Year of 2012*
- Annual Overall Rating**      Xi'an Jiaotong University  
*"PengKang" Scholarship*      *Year of 2012*

- **Annual Overall Rating** Xi'an Jiaotong University  
*Outstanding Student* Year of 2011
- **Annual Overall Rating** Xi'an Jiaotong University  
*"SiYuan" Scholarship* Year of 2011
- **Mathematical Modeling Contest** Xi'an Jiaotong University  
*Third Prize* Year of 2011
- **Social Investigation** Xi'an Jiaotong University  
*The Outstanding Individual Prize* Year of 2011
- **Annual Overall Rating** Xi'an Jiaotong University  
*"SiYuan" Scholarship* Year of 2010

## Skills

**Languages:** C/C++,Java,Assembly(x86/MIPS),LaTeX,HTML, CSS,JavaScript,Ruby,PHP,Python

**Framework:** BootStrap,Ruby on Rails,Django,AJAX,MFC,jQuery Mobile

**Computer and OS:** Debian Linux,Cisco IOS,Windows 9x-svr2008II,Virtualization of Windows & Linux

**Software:** MS Visual Studio;ModelSIM;Eclipse;NetBeans;Office Suites;TexMaker