

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