

Education

- **Xi'an Jiaotong University** Xi'an, China
Undergraduate student of Computer Science and Technology; Sep. 2009 – Jan. 2012
- **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 Experience

- **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.
- **Network Center** Xi'an Jiaotong University
Part-time Network Administrator Nov. 2010 – Dec. 2011
 - Maintain and improve the network situation of campus;
 - Install and configure Internet Protocol version 6 of the campus.

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/ExactSoulvsEFEASoullofPlate>
- **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**
Owner of VM server
 - Work with Debain System;
 - Provide OpenVPN service;
 - Support IPv4 and CERN IPv6 Protocol.
- **C++0x Standard Document Translation**
Translator
 - Get the permission of the standard Organization;
 - Translate the documents on C++ standards.

BuyVM@US
Jun. 2010 – NOW

Public Group Leading by imcc(MS_MVP)
Feb. 2011 – Jun. 2011

Honor

- **Annual Overall Rating**
Excellent Student Xi'an Jiaotong University
Year of 2011
- **Intel Cup National Collegiate Software Innovation Contest**
Winner of the First Period Intel .Inc
Year of 2011
- **Social Investigation**
The individual Prize for excellent Performance Xi'an Jiaotong University
Year of 2011
- **Annual Overall Rating**
"SiYuan" Scholarship Xi'an Jiaotong University
Year of 2011
- **Annual Overall Rating**
"SiYuan" Scholarship Xi'an Jiaotong University
Year of 2010

Skills

Languages: C/C++,Java,Assembly(x86/MIPS),MFC,LaTeX,HTML, CSS,JavaScript,AJAX,PHP

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

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