

Yuzhong Wen

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EDUCATION

VIRGINIA TECH

MS IN COMPUTER SCIENCE

Expected Dec 2015 | Blacksburg, VA
Cum. GPA: N/A

WUHAN UNIVERSITY

BS IN INFORMATION SECURITY

July 2011 | Wuhan, Hubei, China
College of Computer Science
Cum. GPA: 3.01 / 4.0
Major GPA: 3.2 / 4.0

LINKS

<https://github.com/supermartian>
<https://www.linkedin.com/in/yzWen>

COURSEWORK

GRADUATE

Multiprocessor Programming
Computer Network and Security
Network Architectures and Protocols I
Operating System
Advance Topics In Emergent Systems

UNDERGRADUATE

Data Structure
Operating System
Embedded System
Object Oriented Programming
Compiler Principle
Mathematics In Security
Information Security Principle
Information Hidden
Network Security
Computer Network
EDA Design

SKILLS

PROGRAMMING

C • Shell • JavaScript • Matlab
C++ • Perl • Java • Assembly • HTML •
CSS • \LaTeX

OS DEVELOPMENT

Linux • Android • REXOS • OpenWrt

TECHNICAL EXPERTISE

TCP/IP • Embedded System • Network
Security

EXPERIENCE

VIRGINIA TECH | ASSISTANT WEB DEVELOPER

June 2014 – Now | Blacksburg, VA

- Develop web applications using Nodejs for Division of Student Affairs.

TP-LINK | SOFTWARE ENGINEER

July 2011 – October 2013 | Shenzhen, Guangdong, China

- Team Lead of Protocol Stack R&D Team
- Team Member of Android App Team

WUHAN UNIVERSITY | SYSTEM ADMINISTRATOR

Jan 2008 – May 2010 | Wuhan, Hubei, China

- Maintain the virtualization server backend and networking of Ziqiang.net
- Improve the performance of the web backend

PROJECTS

TP-MINI

TP-LINK | Shenzhen, Guangdong, China

Android TV-box with a router built in. Featuring AR933x chipset. Led the development of router part.

TR761

TP-LINK | Shenzhen, Guangdong, China

CDMA2000 3G hotspot. Featuring MSM7x25 chipset. Led the development of firewall implementation and protocol stack optimization.

TR861

TP-LINK | Shenzhen, Guangdong, China

WCDMA 3G hotspot. Featuring MDM8200a chipset. Developed an FTP server on the top of REX OS.

QMNES

Hobbyist Project

Nintendo Entertainment System emulator.

TOYIP

Hobbyist Project

An experimental TCP/IP protocol stack running on Linux userspace.

VSPHERE SECURITY MANAGEMENT SUITE

Wuhan University | Wuhan, Hubei, China

A set of tools to manage VMware vSphere platform in terms of security. Monitors the running processes and scans viruses on the virtual machines running on vSphere. VMware Chinese College Students Cloud Computing Originality Contest 1st prize.

PUBLICATION

Jingsong Cui (advisor), Shasha Zhu, Yuzhong Wen, Xuhui Liu, Yu Yang. "Hidden Process Detection Based on Virtual Machine Monitor". Proceedings of 2010 International Conference on Future Information Technology (ICFIT 2010), vol. 1, pp.434-437, 2010.