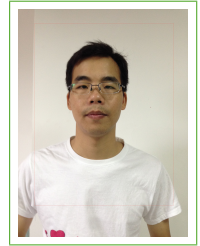# Cheney Chen

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Nanjing
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✉ wenhuan_chen@163.com

Expert on the embedded platform,mobile device software

Professional skills

1. **Programming Language**, *Proficient in C,familiar with C++,Java,understand Arm.*
2. **Application development**, *Mastering the Android App development,and skillfully use common architecture, such as: Jni framework, C/S architecture.Familiar with RxAndroid,RxBinding,Retrofit,etc.*
3. **Android Framework**, *Master the Android system principle and the development and debugging, be familiar with Android system architecture.*
4. **Linux**, *Familiar with the Linux application development,understand Linux driver (BSP) development and debugging.Familiar with and master the common debugging and analysis tools: a Makefile, GDB,Objdump,Elf, etc.*
5. **Shell**, *Familiar with Linux shells and understand Python.*
6. **Algorithm**, *Good algorithm foundation, understand the general machine learning algorithms.*
7. **Version control**, *Proficient in the Git and familiar with SVN,ClearCase.*
8. **Others**, *Proficient in using Vim,Emacs,LATEX.*

Community

Blog **http://blog.csdn.net/cheneywh**.

GitHub **https://github.com/ChenWenHuan**.

Experience

NanJing We Network co., LTD

2015.05 **Application architect**, *Employer*, NanJing.
Android and iOS application development and architecture

NanJing Archermind co., LTD

2011-2015 **Senior engineer**, *Employer*, NanJing.
Project *HTC Engineer Tool And CTS*

Introduce	Engineer tool is a specially used for engineering mode to develop an android App, through hidden key mode to enter the app can check signal intensity on a mobile device and a series of engineering information
Contributions	1.Responsible for the maintenance and development of Android Engineer Tools
	2.Responsible for some jobs of CTS testing

Project	*COS System*
Introduce	A mobile system based on Android native system,mainly in c++ to rewrite the native Android Framework allows the application layer to get rid of the limitation of the virtual machine but exposed to the user interface and native.
Contributions	1.Rewrite parts of the wifi framework using C++,tracking and the synchronous upgrade of the android
	2.Rewriting some modules of Bluetooth such as MediaScan,HID

Project	*Smart TV box product development*
Introduce	Make the traditional TV has the function of the smart TV
Contributions	1.Version management according to the different customer requirements
	2.System and APP customizations according to different customer requirements
	3.Transplantation and integration of Airplay library

Project	*ASHARE product development*
Introduce	Shared mobile phone screen to tablet and PCăthrough the WiFi.
Contributions	1.Design and implementation of communication protocol, and to meet the cross platform.
	2.UPNP and airplay library integration and development
	3.keyboard and mouse virtual driven development, debugging and adaptation

Set up a studio with friends

2010-2011	**NanJing**.
Project	*Development of Lotto prediction engine*
Project	*Development of high speed financial software client*
Project	*Development of mobile e-book reading software*

NanJing Moto

2007.11-2010.01	**NanJing**.
Project	*Development of Java Linux platform*
Introduce	Customizing the functions according to the requirements of operators
Contributions	1.Design analysis and coding
	2.Bugs fixed

Project	*The BREW platform development*
Introduce	Customizing the functions according to the requirements of operators

Contributions	1.Test the Java platform in the stability of the Brew platform, and puts forward the request to a third party
	2.Provides the Brew system API to the third parts according to the requirements of the Java platform
Project	*Maintain the Phonebook app*
Contributions	1.Bugs fixed

Shanghai FuHua microelectronics

2006.10-2007.10	**ShangHai**.
Project	*Development of high speed embedded network chip platform*
Introduce	Customizing the functions according to the requirements of operators
Contributions	1.Integration of embedded network chip platform and test of TCP/IP protocol stack
	2.Development of embedded network applications such as network camera, network radio and RS232 to TCP/IP protocol conversion

Wuxi Koyo electronics

2005.07-2006.10	**Wuxi**.
Project	*PLC platform development*
Introduce	Customizing the functions according to the requirements of operators
Contributions	1.Responsible for the development and maintenance of PLC software.
	2.Responsible for the preparation of the dynamic link library PLC language conversion

Education

2001-2005	**Bachelor**, *Changchun University of Science and Technology*, .

Interests

Running	Have been involved in the two Marathon
Reading	Love fantasy novels
Basketball	Shooting guard