

# Su ZhenXing

**CAREER** Linux Software Engineer

## INFORMATION

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Native Name: ZhenXing Su  
Gender: Male  
Date of Birth: October 7th, 1984  
Hometown: ShanDong Province

Years of Working: 4+ years  
Phone: (+86) 15012462201  
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Blog: <http://zpcat.blogspot.com>

## EDUCATION

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- Institute of Metal Research, Chinese Academy of Sciences  
– Master degree in Physics. ShenYang, LiaoNing province  
Sep 2007-Jun 2010
- YanTai University of Technology  
– Bachelor degree in Physics. YanTai, ShanDong Province  
Sep 2003-Jun 2007

## SKILLS

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- **github:**<https://github.com/suzp1984>
- **Blog:**<http://zpcat.blogspot.com/>
- **Programming Languages:** C(expert), Emacs Lisp(proficient), Bash shell(proficient), Python(proficient), Java(prior experience), node.js(posterior experience), C++(posterior experience)
- **Operation Systems:** Linux(Ubuntu, Fedora), Mac OS X
- **Editor:** Emacs(expert), IntelliJ(Java IDE), Qt-Creator(Qt)
- **Miscellaneous:**  $\text{\LaTeX}$ , etc.

## PROJECTS EXPERIENCE

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- **Android building system development**
  - rebuild the Android build system to fulfill the target of stronger customization, developed by Bash Shell, Python.
- **porting Wifi and Bluetooth module**
  - Porting and maintance the Wifi and Bluetooth module, and familiar with wpa\_supplicant and bluez stack.
- **Android HAL layer developement**
  - android HAL layer development, mainly C source code, the adapter layers for sensors, GPS.
- **Kernel configuration tools**
  - Kernel configuration customization tools development, developed by C, there are an user client to generate a block of data(firmware), and a kernel part to parser that data block when it startup.
- **Factory Test toolkits**
  - a. factory test tool for ordinary customers, running in native C level.
  - b. Auto Test Daemon who listening the commands from the UART.

- **Configuration Generation tool**

- Writen by python to parser multi format of configuration files, and generate the finally format.

- **Bluetooth Low enenergy research**

- Pre-research of wearable devices, famillar with bluetooth low enegery protocol.

- **Android wifi/bt and Recovery modules stress test tool**

## ***WORK EXPERIENCE***

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- **Shenzhen topwise Technology**

August 2010-Now

- Android system development

## ***OPEN SOURCE PROJECTS***

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- **TTS-mode** TTS(Text to speech) mode for emacs

Git Repo: <https://github.com/suzp1984/tts-mode>

- **fs-mode** Linux file system management mode for emacs

Git Repo: <https://github.com/suzp1984/fs-mode>

- **pulseaudio-mode**

Git Repo: <https://github.com/suzp1984/pulseaudio-mode>

- **genesis** a plugin desgined middle ware, implemented the reactor module

Git Repo: <https://github.com/suzp1984/genesis>

- **pyqt5-book-code** Porting the source codes of book, Rapid GUI Programming with python and Qt, from PyQt4 to PyQt5

Git Repo: <https://github.com/suzp1984/pyqt5-book-code>

## ***INTERESTS***

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- Reading & Blogging.
- Coding, Linux & OpenSource.