

# Su ZhenXing

**CAREER** Linux Software Engineer

## INFORMATION

---

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

Years of Working: 5+ years  
Phone: (+86) 18589090105  
Email: [suzp1984@gmail.com](mailto:suzp1984@gmail.com)  
Blog: <http://zpcat.blogspot.com>  
GitHub: <https://github.com/suzp1984>

## EDUCATION

---

- 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

---

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

## PROJECTS EXPERIENCE

---

- **IBoxpay's CashBox Android App Developer**  
– Android App developer
- **Nginx developer**  
– nginx module developpe
- **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**

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

- **Bluetooth Low energy research**

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

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

## **WORK EXPERIENCE**

---

- **Shenzhen topwise Technology**

August 2010-Now

- Android system development

## **OPEN SOURCE PROJECTS**

---

- **Light-BLE** BLE(Bluetooth Low Energy) Device debug tool for Android

Git Repo: [https://github.com/suzp1984/Light\\_BLE](https://github.com/suzp1984/Light_BLE)

- **Jbig-Android** jbig single-color space picture codec for Android

Git Repo: <https://github.com/suzp1984/jbig-android>

- **TLSDemo** TLSDemo is an android app sample, which illustrate how to do https request both in self-signed certificate and two-way SSL client-side verification

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

- **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**

---

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