# ZhenXing Su

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#### Educational Background

2007.8-10.7 **Master**, *Institute of Metal Research*, *Chinese Academy of Sciences*, Shen Yang, Physics.

2003.8-07.7 Bachelor, YanTai university, YanTai, Physics.

#### Working Experience

2014.5-now **Software Engineer**, *Iboxpay Shenzhen*.

Android app developer

2010.4-14.4 **Software Engineer**, *Topwise Shenzhen*.

As a System engineer of Android

### Programming Skills

github https://github.com/suzp1984

blog http://zpcat.blogspot.com/

Languages C(expert), Emacs Lisp, Bash shell, Python, Java, node.js

Operation Linux(expert), Mac OS X(Daily usage)

System

Editor Emacs(expert), Intellij(Java IDE), Qt-Creator(Qt)

## OpenSource codes

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

jbig-android jbig single-color space picture codec for 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 verfication.

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

fs-mode Linux file system management mode for emacs.

pulseaudio- Pulseaudio mode for emacs.

mode

genesis a plugin desgined middle ware, implemented the reactor module

## Projects experience

- 1. Nginx develop
- 2. Android App develop
- 3. Bluetooth v4.0 Low Energy host Stack development expert of bluedroid, bluez stack.
- 4. rebuild the Android build system to fulfill the target of stronger customization, developed by Bash Shell, Python.
- 5. Porting and maintance the Wifi and Bluetooth module, and familiar with wpa\_supplicant and bluez stack.
- 6. android HAL layer development, mainly C source code, the adapter layers for sensors, GPS.
- 7. 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.
- 8. 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.