

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

- 2014.5-16.4 **Software Engineer**, *Iboxpay Shenzhen.*
Android app developer
- 2013.9-14.4 **Software Engineer**, *Topwise3g Shenzhen.*
Android System Developer
- 2012.2-12.8 **Software Engineer**, *Topwise Shenzhen.*
Android System Developer
- 2010.4-12.1 **Software Engineer**, *Topwise3g Shenzhen.*
As a System engineer of Android

Programming Skills

- github <https://github.com/suzp1984>
- blog <http://zpcat.blogspot.com/>
- Languages C, Emacs Lisp, Python, Java, javascript, node.js, \LaTeX
- Operation System Linux(expert), Mac OS X(Daily usage)

OpenSource codes

- [Light-BLE](#) BLE(Bluetooth Low Energy) Device debug tool for Android.
- [jbig-android](#) jbig single-color space picture codec for Android.

Projects experience

[IBoxPay's CashBox Android App Project](#)

2014.5-15.4 **Android App Developer**, *IBoxPay Co. Ltd*, ShenZhen.

Refactor and Developer the former CashBox App project.

Description:

- CashBox App is IboxPay's core project, which consists of the mobile client side app, the backend side trading system and an intelligent terminal hardware. This is what we called mobile POS, a box hardware must be connected to the mobile side CashBox app, then swipe your bank card in that little portable hardware, then you can trading with the merchants.
- The intelligent terminals can be classified by its connection types, there are Audio jack, Bluetooth Classic, Bluetooth Low Energy and Uart serial port.

Achievement:

- Refactor the code according to the Object-Oriented Principal, decoupled the code by introduced an isolated module which can be reused in another projects.
- wrote the software design document, make the development process sustainable and readable.
- make the code reusable in another project by introduce a Connection interface, when the new terminal device appears with new type of communication type, just to rewrite the Connection interface, then the whole module can be reusable.

[Jobs at Software Architecture Team of IBoxPay](#)

2015.7-16.3 **Software Developer**, *IBoxPay Co. Ltd*, ShenZhen.

Description:

- Android App Architecture, promote MVP.
- Git and Gitlab Training.
- Apache and Nginx journal report analysis.
- Nginx Lua module develop(OpenResty).

[Bluetooth Low Energy Project](#)

2013.10-14.3 **Software Developer**, *Topwise3g Co. Ltd*, Shenzhen.

Description:

- Reseach and analysis Bluetooth Low Energy application at Broadcom's BLE board.

Architecture:

- Open Sourced [Light-BLE](#) project, which can be used to debug and analysis the peripheral BLE device during development.

[Factory autotest toolkit for SpreadTrum's Android platform](#)

2012.5-12.7 **Software Developer**, *Topwise Co. Ltd*, Shenzhen.

Description:

- The factory auto running test toolkit is running in an autotest machine which test the newly produced PCB board.

Architecture:

- check out the faulty PCB board at the early stage in the factory, then promote the rate of qualified PCB board out of the factory.

[Android System Developer](#)

2010.5-12.8 **Software Developer**, *Topwise3g & Topwise Co. Ltd*, Shenzhen.

Description:

- Android framework and System Developer from version 1.6 to 4.3, My duties include integration Makefile development and HAL layer developer.