

# Jacob Chen

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Github : <https://github.com/wzyy2>

## Summary

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Linux Software Engineer, Embedded System Engineer.

Solid Linux software development background, from lowlevel to highlevel, hardware/media/graphics.

Code contribution to Open Source projects, such as linux kernel, u-boot etc.

## Education

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2012 - 2016 : **bachelor, Electronic Information Science and Technology;**  
**University of Electronic Science and Technology of China (Chengdu)**

## Career

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2018.04 - Present : **Software Engineer, Cainiao Logistics**

2016.01 - 2018.03 : **Software Engineer, Rockchip Inc, ChromeOS Team**

2015.07 - 2015.10 : **Software Engineer(intern), Xiaomi Tech Inc, IOT Team**

## Experiences

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**2018.04 - Present, Software Engineer, Cainiao Logistics**

Develop and maintain system software for the autonomous vehicles.

**2017.05 - 2018.03, software engineer, Rockchip Inc, ChromeOS Team**

Maintain multimedia softwares for Rockchip GNU/Linux.

- [MIPI-CSI\(ISP\) V4l2 Driver](#)
- [RGA V4l2 2D Accel Driver](#)
- Userspace Library/App(Gstreamer Plugins)

**2016.01 - 2018.03, software engineer, Rockchip Inc, ChromeOS Team**

Maintain [Rockchip Linux BSP](#).

- Kernel, U-boot
- [Rockchip Yocto BSP layer](#), [Debian Rootfs](#), SDK scripts
- Write/Optimize GNU/Linux Userspaces(Qt/Wayland/Gstreamer...)
- Optimize for better performance, Provide Solutions for products
- Write [Wiki document](#)
- Maintain [Rockchip Github](#)
- Support Customers/Communities

**2015.07 - 2015.10, software engineer(intern), Xiaomi Tech Inc, IOT Team**

Study iot, develop software for BLE module.

**2014.07 - 2014.10, software engineer(intern), RT-Thread Community**

Participate in CSDN Open source summer camp, work for RT-Thread Community. Implemented a [gdb stub](#).

## **Skills**

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### **good**

- C, C++
- Kernel, U-boot, RTOS
- Yocto, Debian
- Qt, Gstreamer, ROS

### **fair**

- Python, Shell
- Graphics, Media