

JIANYI, JUSTIN, LV

TEAM LEADER & CODE ENTHUSIAST

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Technical Skills

3G/4G/3GPP/WiFi/Bluetooth stacks	SSL protocols	C / C++
Java / Javascript / jQuery	Python	Git / SVN
MySQL		

Experience

Pax Technology Communications Software Engineer **2016 to present**

PaxSSL: A cross-platform SSL library for POS terminals
LibYab: Yet Another Bluetooth Library, a light-weight Bluetooth stack for BREDR & BLE.
Lead an agile team to support SSL / HTTP on POS terminals.

Sierra Wireless Senior Consultant **2015 to 2016**

Automotive 3G/4G module productions:
Developed automated testing system for HW/FW/Framework.
Passed validation & obtain compliance by AT&T, PTCRB, etc.
Performed scrum framework over teams on different premises.
Designed signalling test framework using Anritsu MD8475A.

TCL Senior Software Engineer **2014 to 2015**

Won PO approval of 4G modem routers by passing EE mobile's inspection & acceptance.
Conduct pre-test with several operators, AT&T(US), EE(UK), Orange(FR).
Established, conducted, and improved an automated 4G testing plan.
Designed a WebUI test framework using Selenium & TestNG.

Pegatron Senior Software Engineer **2010 to 2014**

Prototyped a set-up-box(STB) for customer using Broadcom's solution. (Microsoft)
Prototyped an Android(2.1) TV using SiS' MIPS solution.(ZTE)
Prototyped an IoT gateway using HNAP.(Arris)
Prototyped an IPTV for media-on-demand application.(China Telecom)
Optimized an filesystem stack for RAM-limited embedded systems.

Skardin Software Engineer **2008 to 2010**

Developed a satellite tuner driver for ALi's STB solution.
Maintained the several projects and improved performances.

Zyxel Software Engineer **2006 to 2007**

Conducted throughput under various security matrices.
Conducted performance test using SmartBits.

Projects

IO Stack github.com/pcjustin/io_stack Designed a I/O Stack for send/receive message between two processes.	Python tools github.com/pcjustin/tools Programmed some tools for myself.	Resume github.com/pcjustin/resume The resume generator.
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Education

Master of Engineering (Computer Science and Information Engineering) 2011 to 2013

Tamkang University, Taiwan

Bachelor of Informatics (Computer Science and Engineering) 2004 to 2007

Yuan Ze University, Taiwan