Pandeng Li

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IT Professional with over 3 years of experience specializing in Software engineer for project planning, schedule, software development and hardware design. Knowledge and skills cover the underlying hardware and application layer development. Familiar with C/C++, Java, SQL, Linux etc. Concerned about the industry dynamics and there is a certain ability to withstand pressure.

**Professional Experience**

## PROJECT: realtime monitoring and advertising push system in elevator

## *Software development, 2016.09 – 2017.03*

* Responsible for creating, improving, and developing project strategies.
* Modify, compile, transplant Android system and write sensor drivers.
* Using the RTMP protocol, collect and send audio and video frames encoded in H.264 to server.
* Check and download the ad playback policy file and video/image files, and then play them on screen.
* Build the local Web server with the Spring framework, test the various functions of Android devices.

## PROJECT: Quantum Switch and Quantum Node Software Implementation

## *Software development, 2015.09 – 2016.02*

* Design the quantum switching node
* Using JavaFX to achieve quantum communication local client, interact with quantum exchange nodes, apply for quantum channels.
* The development switch management server for managing the channel allocation and establishment of the switching node, and carries on the conflict detection to the signaling.

# **Education**

## BEIJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS, beijing

2011.09 – 2015.06 Bachelor's degree(Top 5%) Communication Engineering

2015.09 – 2018.03 Master's degree(Top 20%) Information and Communication Engineering

# **Additional Skills**

* C/C++, Java, Python, Gradle, SQL
* Android, network technology, multi-threaded technology, design patterns
* Spring framework, Hadoop, the principles of JVM, InnoDB engine
* Linux operating system, Linux shell instructions
* Operations of the Git version control system
* Data structures and algorithms, Understand the big data classification algorithm