contact details

- Phone number：15032042825
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- WeChat number：GT1343042865

Personal information

- 042865/man/1996
- Undergraduate/Dalian University of Technology City Institute/Major in Computer Software Engineering
- Working years：2.5 years
- Github：https://github.com/042865
- Active community：GitHub，CSDN ,JueJin
- Dream position：Android development engineer

work experience

Beijing Htnova company（2019.11 ~ Now）

VP200 Gas Monitor Project

In this project, I am independently responsible for the full functions realization form the Android side, using the mvvm architecture mode, kotlin language development. The project app connects the device by bluetooth, implement the functions of data reception, statistical storage, display and upload the cloud. The technical points mainly include: Mqtt communication, Bluetooth communication, kotlin and rxhttp.

CR1600 Substance identifier Project

I am responsible for the independent development of Android App in this project, using java language to build the structural framework of the entire application through viewPager+Fragment. The project involves the communication between the App and the framework, the embedded program and the web server. The project combine software and hardware, it solves the technical difficulties that encountered: protocol analysis, JNI interaction, serial communication,the impact of the system's fast boot function on the Android life cycle, memory leaks

Mankebao ordering Project

In this project, I am responsible for the development and maintenance of the 'order' and 'statistics' module for this Android app. The whole project adopts the componentized

development model, and uses the face recognition technology of the ant zooroSDK to conduct face-swiping payment, UI revision, payment API and other related requirements development, 100,000 users per day, it is widely used in enterprises, universities, and middle schools.

Open Source Projects and Works

Talking Smart Refrigerator

This is a university competition project, a smart refrigerator monitoring App that combining software and hardware, which integrates mobile phone, tablet, hardware and network background. Involved functional technologies: Android gesture recognition, speech recognition, synthesis, Socket, http, Bluetooth communication.

KeepLearning

A rapid development framework, using Kotlin+MVVM+Coroutine+Room+LiveData+lifeCycle+RxHttp and other technologies combined with the API provided by the Android website, to develop a personal learning App.

Skill list

- Development language：java，Kotlin，C
- JNI
- Bluetooth, serial port, protocol analysis，Socket
- Proficient in handling OOM and ANR exceptions in Android
- Android：Basic controls、Handler、Event distribution、screen adaptation、network request、MVVM、performance optimization
- other：Git Version management、Fiddler/Proxyman network packet capture、decompile apk，Bugly

Awards and honors

- Microsoft Innovation Cup National Second Prize
- National University Biological Network Design Competition, Northeast Division Special Prize, National Second Prize
- The first prize of the 4th Mobile Application Competition of Liaoning Province
- The 10th ICAN International College Students Innovation and Entrepreneurship Competition, the first prize in the Northeast Division, the second prize in the country