WU ·Zijian

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Male, 23 years old, Beijing
Huazhong University of Science and Technology (HUST) & Paris Saclay University

Welcome to personal homepage and blog:
wuzijian.cf
GitHub

Individual ability

- Operating system:
Windows, Linux

- Adobe:
Photoshop
Lightroom

- Programming language:
- C/C++ (MFC、OpenCV、OpenMP、Cuda、DirectX...)
- Java (Android)
- C# (.NET)
- Matlab

language skills

- French (TCF B1、TFI B2)
- English (CET-6、TOEIC 820)
- Chinese (Mandarin)

Personal profile

I love to communicate with others, I am good at finding problems independently, and I can solve problems from different directions; I have maintained the top three in my grade during my master's degree; I love Android development and I hope my code will benefit more and more Android users; I like everything new, programming, sharing, and especially my code Used by others.

✧ Education background

2011 - 2014 · Beijing No.12 Middle School, Science

2014 - 2017 · Huazhong University of Science and Technology, Optoelectronic Information Science and Technology, Bachelor

2017 – 2020 · University of Paris-Saclay, Polytech, Electronics, Energy and Systems, Engineer

2019 - 2020 · University of Paris-Saclay, Master in Embedded Systems and Information Processing (dual degree)

✧ Experience

2018

· Internship: Beijing, Beijing Community Radius Information Technology Co., Ltd. (java backend development, familiar with reading and writing MySQL database, writing SpringBoot style port, 1 month)

2019

· Internship: Paris Saclay University, Satie Laboratory, National Science Research Center of France, processing laser vibration measurement signals through probability and statistical methods (Independent design algorithm to implement adaptive filters, verifying the elliptical oscillation of surface waves, 3 months)

· Project: "Don't Forget Things" Memo: This is a simple Android memo software, the interface adopts my favorite "minimalist" style, simplifying complex operations into a single click and long press. In the first updated version of January 2020, the memory read and write logic was also optimized, and the loading speed of the APP was improved. In the future, it will also access Huawei accounts for automatic backup. The APP is now available on the Huawei App Store. Welcome to download and experience.

· Project: “Let ’s Maze” maze game: This is a maze game controlled by the mobile phone’s gravity sensor. It has five levels designed, and different levels have different traps. The player with the shortest time wins. The game has not yet been reviewed and has not yet been listed on the app store, but you are welcome to download the experience verssion on my GitHub. Click here to download.

2020

· Project: "MyPage" timetable website: This app is specially designed for the School of Engineering of the University of Paris Sacré, and the purpose is to simplify the steps for viewing the timetable. Some students have not been able to open the website using Huawei mobile phones before, so I designed this app to solve the problem that Huawei mobile phone browsers cannot log in to the curriculum website without cookie permissions. The app is not available in China, but you are welcome to download and experience it on my GitHub. Click here to download.

· Project: Real-time health monitoring platform: The purpose of the project is to monitor the user's health data in real time using the Maxim's health sensor platform, send it to the workstation through the MQTT network, and analyze the user's status through an algorithm based on neural networks. As the project leader, I am responsible for all the development content on the Android side, adding some network connection code on the basis of the original code, real-time sharing of each sensor data, and using the NodeRed client on the workstation to obtain the data in real time. The APP has been completed and will be available after the project ends. The beta version can be downloaded here.

In addition, I have done other projects on image processing, human-computer interaction, FPGA development, and so on. For more details, please see the online resume. All projects have been open sourced on my GitHub. Welcome to check it out.