**Tel:** 15365180821

**Mail：310244098@qq.com**



Length of employment： 2

Condition： employed

Current Salary： 22w/year

Salary Expectation： discuss

Desired location： ShangHai，NanJing，Aboard

**[Self Evaluation]**

1. Full-time Master's Degree（211/985），majored in Software Engineering
2. 2 years of c++ software industry experience，Familiar with C++/C Language,

3. Familiar with tensorflow machine learning framework；

4. Skillful use of Python, bash scripts；

5. Familiar with embedded Linux development environment and Linux/android security mechanism；

6. Familiar with Android underlying architecture。

**[Personal Information]**

Name：Yan Shiqing

Gender：Male

Age：27

**[Educational Background**]

**September 2015 ～ March 2017**: Waseda University ,Majored in Information, Master’s degree（Machine Learning and people division algorithm research）

**September 2014 ～ June 2017:** XiDian University, Majored in software engineering. Master’s degree

September 2010 ～ June 2014: XiDian University , Majored in Measurement and Control Technology and Instruments, Bachelor’s degree

**work experience**：

**July 2017 – Today:** Suntec Co. software engineer（c++）

**Applied for quit**

**Project experience and responsibilities:**

**Nissan-Head unit system-Atbox**

**Brief introduction：**ATBox is head unit’s peripheral，if connected，head unit could get a lot of new functions,such as Himalayan Radio and voice recongnition.

**Personal contribution**：unit test。In the early and middle stages of the project, I was required to write unit test cases for the code of all developers. In the end, I withstood the pressure and made the coverage of unit tests up to standard before the phased acceptance of the project. In the middle and late stages of the project, I led the unit testing of the whole project, I was responsible for assigning tasks to testers and teaching them to use the company's unit test framework. Finally, the whole project unit test was completed ahead of schedule.

**Vehicular networking-TCU**

**Brief introduction：**Transmission Control Unit(TCU), is the core component of Vehicle Networking.As head unit peripherals, TCU can give head unit the ability to connect to the Internet. TCU can upload vehicle information to the cloud to realize information transmission inside and outside the vehicle.

**Personal contribution**：TCU system is based on Android. The task of the development team is to tailor and add something on Android system to make our own system. In the early stage of the project,I was responsible for the implementation of the communication interface. Finally, I ensured that the upper layer can send AT instructions to the communication module by calling the interface of the upper layer, and carry out all kinds of call operations. In the middle and late stages of the project, I was responsible for SELinux support. After Android 5, developers need to have a good understanding of SeAndroid's security policies, and then configure security policies for their services and apps. Starting from scratch, I clarified the technology and developed it to various functional groups. With my effort, the project team ensured the normal operation of the function.

**Toyota- Head unit system**

**Brief introduction：**The head unit system project developed for Toyota Co. which involves hundreds of developers and several functional groups.

**Personal contribution**：Because Android enabled SELinux after the release of Android O, the normal functionality became unavailable. However, there is little knowledge of this technology within suntec company.Leaders require someone to study and learn. Therefore, through reading the official documents and original code of Android, I grasped the use of selinux, and then be responsible for the whole project of SeAndroid strategy writing,I added permissions for the full function of the system. Finally, I ensured that the user version of the system can run normally. After the strategy is written, EXCEL documents and supporting Python scripts are made to realize the black box of SELinux mechanism for each functional group.

**Pioneer- Head unit system -WIFI**

**Brief introduction：**Wifi Function Development Project for a Pioneer Company Product

**Personal contribution**：Due to the lack of Japanese majors in the group, I acted as a window in this project and assumed the responsibility of communicating with customers. In the course of the project, I understand client's needs, deal with problems in time, manage the progress of the project, so that both sides of the work can proceed smoothly. Through my efforts, the successful acceptance of the project was finally ensured.

**UMC-Intelligent Gateway-vlan**

**Brief introduction：**Intelligent Gateway Embedded Project Development of Suntec Company Committed by Unicom

**Personal contribution**：In this project, we are required to use VLAN technology to realize virtual partition of network ports, but the company has little knowledge of this technology, so I was responsible for the research of this technology. By consulting the original documents and repeatedly testing, I finally understand the characteristics of VLAN and its use, and write documents to feedback technical parameters and instructions to the leaders. Subsequently, the project was carried out normally.