Ren Yi

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Education

MCS, Bishop's University *(2019 - present)*

- Overall GPA : 95.8/100
- Research on Parallel algorithms.
- Working on game design and Android development.

B.Eng. in Software Engineering, Sichuan University *(2013.9 - 2017.7)*

- Overall GPA : 82.7/100

Cousera *(ongoing)*

- Machine Learning (Stanford, Andrew Ng)
- Facial Expression Recognition with Keras (Snehan Kekre)
- Improve Your English Communication Skills Specialization (Gerry Landers)

Work Experience

Samsung Research Institute - Android Project Manager *(2019-2019, Guangzhou, China)*

- Participate in the project management of Samsung A60s maintenance release.

CITIC (China International Trust and Investment Corporation) - Android App Developer *(2018-2019, Shenzhen, China)*

- Participate in the development and maintenance of Xiaohua Wallet App.

Neusoft Corporation - Android App Developer (Internship) *(2015-2015, Shenyang, China)*

- Participate in the development of Neusoft OA System based on Android.

Skills

Programming language: *Java, C#, C, Python, SQL, git, HTML/CSS, XML*

Other skills: *Mobile app development, Raspberry Pi, Arduino, WordPress, Google APIs, Autodesk 3d modeling, Unity3d*

Projects

BU-tools based on Android *(2020)*

- Map and Location: Select a certain building in the list and the map will find the way to it.
- Check the scheule of gym: Get the schedule of our gym activities, such as basketball training, open swim and SRC soccer.
- Register & Login.
- Other useful tools, such as moodle, mybu and our webmail.

Intelligent Dustbin based on Raspberry Pi and Arduino. *(2016)*

- Complete WiFi/Bluetooth hybrid positioning technology based on RSSI to achieve the indoor positioning of the dustbin.
- Implement with ultrasonic sensors to avoid the obstacles during the routing process.
- Implement with the indoors positioning technology and the routing algorithm to correct the path after the avoidance and route for user automatically.
- Implement with the infrared sensor to detect the overflow of the dustbin.
- Implement with the Arduino developing board and the L298N driver module to drive the motors at the bottom of the dustbin.
- Implement with the Raspberry pi and wireless network adapter to build the communication between the intelligent dustbin and the client.

Travelling app based on Android. *(2015)*

- Implement with Qunaer API to search and display tourist information.
- Implement with Baidu LBS cloud platform to achieve navigation function.
- Designed and implement the recommendation algorithm that recommends tourist spots to users