

REN YI

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OBJECTIVE

Software Engineer with 2+ years of experience in Android development, seeking full-time jobs.

EDUCATION

Master of Computer Science, Bishop's University Expected 2020

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

B.Eng. in Software Engineering, Sichuan University 2013 - 2017

- Overall GPA : 82.7/100

Coursera Expected 2020

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

EXPERIENCE

Android Project Manager Aug 2019 - Dec 2019
Samsung Research Institute *Guangzhou, CN*

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

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

- Participate in the development and maintenance of Xiaohua Wallet App.
- Reconstruct App project with MVP Architecture.

Android App Developer(Internship) Jan 2015 - Mar 2015
Neusoft Corporation *Shenyang, CN*

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

SKILLS

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

Soft 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.

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