

Wenqing Liu

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Objective	Software Development
Education	<i>M.Sc.</i> , Internet of Things, Chinese Academy of Sciences , 2014 - 2017 <i>B.Eng.</i> , Computer Science, Shandong Normal University , 2010 - 2014
Professional Skills	Proficient in: Java, C++ , Data Structure, Algorithm Familiar with: C, Contiki embedded system, Linux kernel scheduler, System Design of IOT and Machine Learning Platform: Android, iOS
Projects	<p>Smart Community, Android developer April 2016 - Present <i>Implemented a system to provide residents and property workers with reliable information about community and help government monitor the community.</i></p> <ul style="list-style-type: none">• Used MVC and Factory designin mode• Used AES encrypt local user info and server user info• Used RefreshableView to support pull-up refresh• Solved multiple onCreateView of fragment• Async loading of images <p>IOT third party platform, Major developer Aug 2015 - Present <i>Developed an infrastructure of Internet of Things, which helps the user of devices freely install and update IOT software</i></p> <ul style="list-style-type: none">• Developed an Android app and a restful webserver• Users can update their smart devices by phones• Run-Time Dynamic Linking technology• Using Protothreads to support running multi-tasks on smart devices. <p>Chating software based on facial recognition, IOS Developer Aug 2015 - Present <i>Developed a program which can recommend similar face friends to users based on the technology of facial recognition.</i></p> <ul style="list-style-type: none">• Layouting the view with AutoLayout+UITableView.• Making use of CIDetector to perform the pre-recogniton of image.• Achieving the network communication with Asynsocket.
Awards	The 2nd Prize in Chinese Mathematical Olympiad in Senior, 58th in Shandong Province.