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# Yusheng Ding

## Education

### Auburn University                                                                                     May. 2016
Master of Science in Computer Science;    GPA: 3.7/4.0

### Chongqing University of Posts and Telecommunications (CQUPT)        Jun. 2013
Bachelor of Engineering in Software Engineering;   GPA: 3.4/4.0
Minor: English

## Projects

### 2016 Equifax Hackathon
### Monkey Bomb (https://github.com/FormatMemory/MonkeyBomb2)
Feb. 2016
- *The 3rd place of 2016 Equifax Hackathon*
- Designed and implemented a web app through which user can chat with each other and view other people's public from Facebook, twitter.
- ✓ [Python, Django, Html, CSS, JavaScript, MySQL, Linux, GitHub]

### 2015 Global Urban Data fest: Smart Cities Hackathon
### IPark – Your Parking Helper (https://github.com/FormatMemory/Datafest-Ipark)
Feb. 2015
- *#ALhack winner (Alabama 2nd Place, Top 30 Globally)*
- Designed and implemented a web app which helps users to discover spare parking lots. The app provides real-time information of parking occupation and navigation. It also enables users to share parking spaces.
- ✓  [Java, Play, Matlab, MongoDB, JavaScript, HTML, CSS, GitHub]

### 2013 Americas Datafest Hackathon
### Immigration Translator for Google Glass
Nov. 2013
- Project Information Page: http://americas.datafest.net/resources/project-list/jyjyj
- Designed and developed a Google Glass App transcribes English voice messages and translates into other languages to show on Google Glass as well as cell phone.
- ✓  [Java, Google Glass API, Google Translate API]

## Work Experience

### Research Assistant - Information Laboratory, Auburn University
### RFID indoor movement research
Aug. 2014 – May. 2016
- Researched, designed and implemented a grocery store recommendation system based on Radio Frequency Identification (RFID) as well as user's movement patterns. A movement behaviors simulator was also developed to validate the recommendation system.
- Master Thesis: "*A Location-Based Recommendation System Using a Hidden Markov Model*".
- ✓ [Java, Matlab, RFID, Latex]

### Internship - RFID Laboratory, Auburn University
June. 2015 – Sept. 2015
- Collected and analyzed data to investigate the performance of large-scale RFID (Radio Frequency Identification) deployments.
- Developed tools for inventory management, data analysis which decreases 90% of data maintenance time cost.
- ✓ [Java, Excel]

## Technical Skills

Proficient: Java, MySQL, Matlab
Intermediate: Linux, Git, Python2.7, Vim, Microsoft Office
Basic Knowledge: Django, MongoDB, NodeJS, ReactJS, JavaScript, REST API development

## Reference

Personal Page: http://formatmemory.github.io
GitHub:    https://github.com/FormatMemory
LinkedIn:  https://goo.gl/PRr3pJ   **OR**  https://www.linkedin.com/in/yusheng-ding-7857a775