

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/jyjjj>
- 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

RIFD 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>