Yusheng Ding

To Apply for **Software Engineer (Developer) Full-Time** Opportunities.

Contact Information

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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
RIFD indoor movement research
Aug. 2014 - present

- 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]

Reference

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