

# David Ding

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Physical Address: San Jose, California, U.S.A

*Being a software engineer wiring all kinds of code and making things happen is my passion in life.*

## Work Experience

### **Data Engineer - Tantan Technology Ltd.**

*Aug. 2017 - Aug. 2018*

- In charge of developing, optimizing and maintaining Tantan's two Business Intelligent systems.
- Maintained data engineering team's databases. Developed and maintained daily scripts jobs for updating data look up aggregation tables.
- Prepared data and made data reports for marketing, product and growth departments as well as CEO, CTO. Developed automation tools for making continuously data reports.
- Developed and maintained Tantan's data warehouse. Developed automation tools for exchanging and calculating/aggregating data in different data layers of data warehouse.

### **Head of Product Development**

#### **- Art1001 Network Technology (Beijing) Co., Ltd.**

*Nov. 2016 - Aug. 2017*

- Planned, designed and managed software products for Art1001 and it's sub company 1001door (Web, Android, IOS) including 1001 online shopping mall, Coordination system for different roles in decoration and Labor booking platform, etc..
- Built and led product department including product team, UI&UX team.
- Built and standardized product development process.

### **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".

### **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.

## 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 Ranking: top 5%

Minor: English

## Reference

I enjoy exploring new languages, frameworks and tools.

Talk is cheap, let me show you my code/learning progress on github (backend, front-end(web, mobile dev. etc.)):

<https://github.com/FormatMemory>