Yusheng Ding

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For Github and More, Please visit: *https://formatmemory.github.io/*

Work Experience

Data Engineer - Tantan Technology Ltd.

Aug. 2017 - Present   Beijing, China

Tantan (*https://tantanapp.com/*) is a LBS based dating app aims at creating more chances for people to meet their Mr and Miss Right. Tantan is the second most popular dating app in China.

- Develop, optimize and maintain Tantan's two Business Intelligent systems and migrate the old BI system (selft-developed, *PHP, Highcharts.js, html, css*) to the new BI system(open-source, *Superset, python*).
- Maintain data engineering team's databases (*Postgre*). Develop and maintain daily scripts jobs for updating data look up aggregation tables in databases. (*Shell, Php, Python, Crontab, Linux*)
- Develop and maintain Tantan's data warehouse. Migrate data from production database to data warehouse, co-design data warehouse table schemas and tables. (*Scoop, Hadoop, Spark, Hive, PostgreSQL, Python, Java, Airflow, Scala, Flink*)
- Communicate with different teams to clarify requirements and generate data reports. Provide support for analyzing data and defining key matrixes. Develop automation tools for generating frequently needed data reports. (*PostgreSQL, Python, Php, Presto, Hive, Airflow, Crontab*)
- Develop automation tools, eg. tool for monitoring and weekly summarize system errors, tool for generating daily job scripts of transferring data from Postgre database to the data warehouse, etc. (*Python, Php*)

Product Manger - Art1001 Network Technology (Beijing) Co., Ltd.

Dec. 2016 - Aug. 2017   Beijing, China

Art1001 (*http://art1001.com/*) is a company aims at utilizing Internet solutions to provide better experience of decoration and renovation for Chinese families and companies.

- 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..
- Communicated with different teams and roles and managed projects develop process for different products.
- Built and led product department including product team、UI&UX team.
- Built and standardized product development process.

Research Assistant - Information Laboratory (current Data Science Lab),

http://auburn.edu/academic/engineering/dslab/

Aug. 2014 – May. 2016   Auburn University, Auburn, USA

RFID indoor movement research

- 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

https://rfid.auburn.edu/   Auburn University, Auburn, USA

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

Tuition fully waived because of my good performance on Teaching Assistance job

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

Outstanding Graduate(<6%), First class national scholarship(<3%), etc., Vice president of student union