

Yusheng Ding

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Github and More: <https://formatmemory.github.io/>

Professional Experience

Software Engineer - Freelancer

Aug. 2018 - Present

- DealSite
A mobile app provides deal information
 - Frontend: *Javascript, React Native, Redux*
 - App backend: *Python 3, Django REST framework, MySQL, Docker, Nginx, Unicorn*
 - Deal fetch via open API and web crawler: *Python 3, Requests, Selenium, BeautifulSoup*
- Ethereum Mobile Wallet
 - Android, Java

Data Engineer - Tantan Technology Ltd.

Aug. 2017 - Aug. 2018

Tantan (<https://www.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.

- Implemented automation tools, eg. tool for monitoring and collecting system errors, tool for generating daily job scripts for transferring data from Postgres database to the data warehouse, etc. (*Python, Php*)
- Developed, optimized and maintained Tantan's two Business Intelligent systems and migrated the old BI system (*PHP, Highcharts.js, html, css*) to the new BI system (*Python, Superset, javascript*).
- Maintained data engineering team's databases (*Postgres*). Implemented and maintained daily scripts jobs for updating data look up aggregation tables in databases. (*Python, Shell, Php, Crontab, Linux*)
- Built and maintained Tantan's data warehouse. Migrated data from production database to data warehouse, co-designed data warehouse table schemas and tables. (*Python, Scoop, Hadoop, Spark, Hive, PostgreSQL, Java, Airflow, Scala, Flink*)
- Communicated with different teams to clarify requirements and generate data reports. Provide support for analyzing data and defining key matrixes. Developed automation tools for generating frequently needed data reports. (*Python, Php, PostgreSQL, Presto, Hive, Airflow, Crontab*)

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

Dec. 2016 - Aug. 2017

Art1001 (<http://www.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 (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, progress and priorities
- Built and led product department including product team, UI&UX team
- Built and standardized product development process

Other Experience

Translator and Proofreader (Volunteer) - Khan Academy

Jun. 2018 - Present

Research Assistant - Data Science Lab, Auburn University

Aug. 2014 - May. 2016

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

- RFID indoor movement research
- Master Thesis: *A Location-Based Recommendation System Using a Hidden Markov Model*

Software Developer Intern - RFID Lab

June. 2015 - Sept. 2015

Auburn University, Alabama, USA

<http://https://rfid.auburn.edu/>

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 Computer Software Engineering; Minor: English;

GPA: 3.4/4.0 Ranking: top 5%

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