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 to post and view best deals in real time
    • Frontend: **JavaScript, React Native, Redux**
    • App backend: **Python 3, Django REST framework, MySQL, Docker, Nginx, Gunicorn**
    • Deal fetch via open API and web crawler: **Python 3, Requests, Selenium, Beautiful Soup**
• Ethereum Mobile Wallet
    • **Android, Java**

Data Engineer - *Tantan Technology Ltd.*   *Aug. 2017 - Aug. 2018*

Tantan is a LBS based dating app and the second most popular dating app in China.
    • Built and maintained Tantan's data warehouse containing more than 10 million daily active user's data (1 TB daily on average). Migrated data from production database to data warehouse, co-designed table schemas. **(Python, Sqoop, Hadoop, Spark, Hive, PostgreSQL, Java, Airflow)**
    • Implemented automation tools for monitoring and collecting system errors, transferring data from Postgres to data warehouse, etc. **(Python, Php)**
    • Developed, maintained and optimized Tantan's Business Intelligent systems and migrated the old BI system **(PHP, Highcharts.js, HTML, CSS)** to the new BI system(**Python, Superset, JavaScript**).
    • Maintained analytics database (Postgres) for BI. Implemented and maintained daily scripts jobs for updating data look up aggregation tables in databases. **(Python, Shell, Php, Crontab, Linux)**
    • Collaborated with different teams to clarify requirements and generate data reports. Provided support for data analysis and defining key metrics. Automated a script to generate critical daily reports for enterprise decision management. **(Python, Php, PostgreSQL, Presto, Hive, Airflow, Crontab)**

Product Manager - *Art1001 Network Technology (Beijing) Co., Ltd.*   *Dec. 2016 - Aug. 2017*

Art1001 aims at utilizing Internet to provide better decoration and renovation solutions.
    • Planned, designed and managed software products for Art1001 (Web、Android、iOS) including online shopping mall、Coordination system for different roles in decoration and Labor booking platform, etc.
    • Collaborated with different teams and roles to manage projects process, progress and priorities
    • Built and led product department including product team and 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