

Dan (Diana) Xu

1300 Crossing Place, Austin, TX
(512)-998-6894; xudan0812@utexas.edu

EDUCATION

The University of Texas at Austin

Master of Science, Information Science, GPA: 3.92

Austin, TX

08/2016-12/2018

Shanghai University of Finance and Economics

Bachelor of Science, Management Information System

Shanghai, China

09/2012-06/2016

- **Honor:** National Scholarship for 2015-2016.

- **KEDGE Business School**, *Exchange Student*

Bordeaux, France, 08/2014-02/2015

PROFESSIONAL EXPERIENCES

Pfizer

Shanghai, China

Software Engineer Intern

03/2016-06/2016

- Wrote shell scripts to automatize ranking personal and group sales performance to determine annual bonuses.
- Generated monthly sales reports of products, channels and regions using SQL.
- Maintained databases by updating data and removing outdated data.

SAP Labs China

Shanghai, China

Product Manager Assistant Intern

08/2015-11/2015

- Analyzed project teams' development and performance status to generate daily reports for management.
- Discussed status with team members in daily scrum meetings to identify issues and solutions.
- Documented weekly manager-level product meetings to report progress and potential risks to key stakeholders.

PROJECTS

Gitflix: A Movie Streaming Web Application with Admin management system

Github: <https://github.com/xudan0812/Gitflix>

- Front end: Designed complete UI prototypes and developed front end using **Jinja2** template engine and **Bootstrap**.
- Back end: Developed backend structure using **Flask** with **MVC** principle; designed relational database schemas for both users and admins; leveraged **Sqlalchemy** with **MySQL** for data persistence.
- Back end: Implemented **Restful APIs** to handle HTTP requests; wrote full unit test suites to ensure robustness.

PhoneHub: An E-commerce Web Application

Github: <https://github.com/xudan0812/PhoneHub>

- Developed an e-commerce web application that sells mobile phones using **Vue.js** and **ES6 JavaScript**.
- Implemented highly reusable components that make the website maintainable.
- Integrated **ESLint** to execute static code analysis. Used **Vuex** to manage complex states of the application.

LikeOrNot: A Crowdsourcing Android Application

Github: <https://github.com/xudan0812/LikeOrNot>

- Developed an **Android** application to collect direct fashion preference data from users. The app is designed as a game to make users have more fun in the data collecting procedure.
- Adopted open source backend server **Parse Server** and its live query feature to get real-time updates of the database.
- Augmented preference data to annotations of category, attributes and bounding boxed from Deep Fashion Attribute Prediction Datasets.

Graph Database Design and Development for Public Company Analysis

- Built a graph database of Chinese public companies based on the datasets from the China Stock Market & Accounting Research Database (CSMAR) using **Neo4j** and **Cypher**.
- Revealed and analyzed the relationships between companies, executives and industries in a more natural way compared to traditional relational databases.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, HTML, CSS, SQL
- **Frameworks/Libraries:** Vue.js, React.js, Bootstrap, Jinja2, flask, SQLAlchemy, Sass
- **Software/Engines/Systems:** MySQL, Git, Linux, OS X, Tableau, Adobe Photoshop, Adobe Indesign, Sketch, Axure, Invision.