Yu (Lydia) Li

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EDUCATION

Chongqing University, Chongqing, China.   Sep.2010 - Jun.2013
- ❖ M.S. in Electrical Engineering   *FPGA design and data processing*

Chongqing University, Chongqing, China.   Sep.2006 - Jun.2010
- ❖ B.S. in Electrical Engineering   *Major in Electric Automation*

SKILLS

- Language: Python, Java, JavaScript, SQL, HTML, CSS, TypeScript
- Tools: Git, Heroku, AWS, Altas, Postman, Linux
- Frameworks: SpringBoot, Mybatis, Node.js, React

PROJECTS

E-commercial clothing web

a massive e-commerce application similar to Shopify.
- Focused on responsive web design with **React**, React Router, **Redux**,**TypeScript**.
- Used **Firebase** to authenticate and store the data in FireStore.
- Handled online payments with Stripe API.

Event Recommendation System

Designed a event recommendation application. Based on users' preference to recommend relative events.
- Created UI using **JavaScript**, **HTML** and **CSS**, worked on frameworks like Bootstrap.
- Chosen **SpringBoot** as backend framework, allowed users do CRUD to personal favorite events.
- Used external API to fetch event data, stored data in **Mysql** database.
- Hosted app on **AWS**.

Personal Blog
- Designed a personal blog, user can post, edit and delete blog.
- Created UI using **JavaScript**, **HTML** and **CSS**; worked on frameworks like **Bootstrap**, **Node.js**.
- Used **MongoDB** as database. Hosted app on **Heroku**.

Limited-Time Offers server for online shopping

Developed a limited-time offers server architecture that can handle high traffic in large concurrent request.
- Utilized **SpringBoot** and **MyBatis** framework, choosing **Mysql** as database.
- Designed order generation process with **TCC** model to prevent oversell.
- Used **RocketMQ**, **Redis**, **Sentinel** middleware to ensure stability.
- Designed unit test and wrote Junit test cases.

EXPERIENCE

➢ **China Coal Technology&Engineering Group Corp, Chongqing, China.**

Project Manager   Apr.2018 - Dec.2019

Leading indoor electric automation projects for residential and commercial buildings

Electrical Engineer   Jul.2013 - Mar.2018

Power distribution, fire alarm and control system design

➢ **CISDI Engineering Co., Ltd.**   Jan.2012 - Dec.2012

Internship

➢ **Greenland Holding Group Company Ltd.**   Nov.2009 - Jun.2010

Internship