

# Renda Zhang

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## PROFESSIONAL EXPERIENCE

### **Company: Michaels (Shenzhen) Technology Services Company Limited**

Nov 2020 - Till Now

#### **Software Development Engineer Backend, Michaels E-Commerce Platform**

- Attend Meeting to discuss requirements with US team.
- Coordinate the communication among different development teams.
- Participate in the Design of Data Structure.
- Participate in the Software Development of Michaels E-Commerce Platform.
- Use Snowplow for Event Tracking to collect User Behavior Data and Participate in A/B Testing.
- Participate in the Design and Development for PLM system.

### **Company: Samsung Mobile**

May 2018 - June 2019

#### **Software Engineer, Android Application**

- Participate in designing optimal Android application that meets requirement.
- Implement Android application based on specification that effectively works on Android development environment.
- Participate in solving issues coming from verification department or market and improving quality of Android application.
- Schedule and coordinate meetings related to Patent.
- Participate in Samsung SW Certification test.

## PROJECT EXPERIENCE

### **Project Name: Online Education Platform**

Jun 2020 - Nov 2020

#### **Java Backend Development**

- Use Spring Boot and Spring Cloud as the Development Framework.
- Use Nginx as Reverse Proxy Tool.
- Use MySQL as the basic Database, with Druid as the Database Connection Pool.
- Use RabbitMQ as the Message Broker.
- Use Kafka as the high-performance data pipelines.
- Use Redis for Caching.
- Apply Elastic Search as the search Engine.
- Use FastDFS as the Image Server.
- Apply Vue to improve the Front-end Code.
- Use Docker to package applications into containers.
- Use Spring, SpringMVC, MyBatis to develop the Backend Management System.

### **Project Name: Online Shopping Mall**

Nov 2019 - May 2020

#### **Java Backend Development**

- Spring Boot and Spring Cloud Framework.
- Use Nginx as Reverse Proxy Tool.
- Use MySQL as the basic Database, with Hikari as the Database Connection Pool.
- Use Redis for Caching.
- Use MongoDB as the Document Database.
- Apply Elastic Search as the search Engine.
- Use FastDFS as the Image Server.
- Apply Vue to improve the Front-end Code.
- Use Swagger for API Documentation.

## EDUCATION

### Bachelor of Computer Science

December 2017

College of Science and Engineering, University of Minnesota-Twin Cities

Minneapolis, MN

GPA: 3.79

## SKILLS

### Computer Skills:

- Programming Language: *Java, HTML, CSS, JQuery, Bootstrap, JavaScript, Vue.js, C/C++, Python, PHP, Clojure, SQL*
- Java Framework: *Spring Framework, MyBatis, Android*
- Development Tools: *IntelliJ Idea, WebStorm, DataGrip, Postman, Nginx, Tomcat, Android Studio, Maven Project Management, Git Version Control*
- Operating System: *Unix/Linux, Windows*
- Concepts, Protocols and Specifications: *Agile Software Development, Distributed System, RESTful Style, HTTP protocol, TCP protocol, OAuth2 Protocol, OpenAPI Specification, JWT standard, Code Review Practices, Program Optimization*

### Language Skills:

- Chinese-Mandarin, Chinese-Cantonese, English as a Second Language

### Additional Skills:

- Working in Teams, Working Independently, Working Under Pressure/Meeting Deadlines

## EXPERIENCE

<b>English Tutor</b> , Part-time <ul style="list-style-type: none"><li>● Tutor English</li></ul>	Guangzhou, China	2019 - 2020
<b>Meditation</b> , University of Minnesota Twin Cities <ul style="list-style-type: none"><li>● Participate in Group Meditation</li></ul>	Minneapolis, MN	2014 - 2017
<b>Math Tutor</b> , University of Minnesota Crookston <ul style="list-style-type: none"><li>● Tutor College Math</li></ul>	Crookston, MN	Fall 2014
<b>Cleaner</b> , Lee Academy <ul style="list-style-type: none"><li>● Clean floor and lawn</li></ul>	Lee, Maine	2014
<b>Runner</b> , Lee Academy <ul style="list-style-type: none"><li>● Participate in Cross-Country Running Race</li><li>● Participate in Group Training of Cross Country</li></ul>	Lee, Maine	2012 - 2013