

Xinze Wang

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🐙 XinzeWang

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EDUCATION

Georgia Institute of Technology

Master in Computer Science Engineering, GPA: 4.0/4.0

Atlanta, GA

Expected Dec 2020

Peking University

B.A. in Arabic, B.S. in Economics, GPA: 3.78/4.0

Beijing, China

June 2018

TECHNICAL STRENGTHS

Programming Languages Java, Python, Go, C, JavaScript/HTML/CSS, Scala, Swift, SQL

Frameworks & Libraries Spring Boot, Hibernate, React, Express.js, Hadoop, Liquibase

Tools & Techniques Docker, Kubernetes, Linux, AWS, Maven, MySQL, MongoDB, Git

WORK EXPERIENCE

SAP Concur

Software Engineer Intern | Analytics team

Atlanta, Georgia

June - August 2020

- Designed and implemented a database migration service with Liquibase to replace manual process, built schema management service with REST API using Spring Boot
- Deployed and managed containerized application in Kubernetes with a set of manifest files, setup and configured infrastructure on AWS
- Reduce the time of schema migration from 4 hours to 30 minutes, improved consistency in internal platform

ByteDance Ltd.

Product Manager | TikTok

Beijing, China

June 2017 - July 2019

- Collaborated with several engineer teams, designed UX for TikTok Instant Game Platform, hired outsourced development teams to implement games. Achieved over 800,000 new users with retention rate above average
- Organized product review meetings every week and wrote related PRD (product requirement document)

Georgia Institute of Technology

Teaching Assistant | College of Computing

Atlanta, Georgia

August - December 2020

- Design project and teaching materials using Docker for course Big Data in Healthcare

SELECTED PROJECTS

GT Food Truck Online System(Java/JavaScript)

Summer 2020

- Designed and built a food truck database management system with Spring Boot and MySQL
- Managed data schemas with Hibernate, implemented REST with Spring MVC and frontend with Thymeleaf
- Deployed the project on AWS using Elastic Beanstalk and Amazon Aurora

Intersection Congestion Analysis(Python/JavaScript)

Spring 2020

- Collected data about intersections in Atlanta from government websites, cleaned 1.3GB data using pandas
- Implemented an algorithm to recognize congestion patterns, realized data visualization using Leaflet
- Built a RESTful API with Node.js, deployed the server with Heroku and databases with Mongo Atlas

Space Trader Game(Java)

Fall 2019

- Collaborated with 3 peers to implement a modern remake of Space Trader using JavaFX
- Designed architecture of the app, implemented the user interface and connected the frontend to the database

Coffee on the Go(Golang)

Fall 2019

- Created a restful TCP server that handles various routes and methods using Golang
- Configured and deployed the service with Docker and designed schemas in MongoDB