NAME

EMAIL | PHONE NUMBER

OBJECTIVE Looking for a Software Engineer full-time position starting 2020

EDUCATION

TEXAS A&M UNIVERSITY, College Station, Texas — Dec. 2019
Master of Engineering in Computer Engineering, GPA: 3.78

UNIVERSITY OF ELECTRONIC SCI. & TECH. OF CHINA, China — June 2017
Bachelor of Engineering in Electronic. Sci. & Tech., GPA: 3.90

SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python, SQL, Ruby
Web Development: React, Node.js, Mocha, Express, Rails, HTML, CSS, Less
Tools: Agile, MongoDB, MySQL, Docker, webpack, OOP, FP, Apache Spark, AWS

COURSES Data Structures and Algorithms, Advanced Algorithms, Database System, Operating System, Computer Network, Software Engineering, Data Mining and Analysis,

WORK EXPERIENCE

ALIBABA (Ant Member Frontend Team) (React, Redux-saga, TypeScript)
Software Engineer Intern, Frontend — June 2019-Aug. 2019

- Delivered multiple web applications displaying promotions to attract new users for Alipay with React, Redux-saga, TypeScript, and CSS3, compatible with most Android and iOS phones
- Improved applications by designing and performing A/B test on different page plans, resulting in increased click-through rate
- Raised the number of 7-day active users of our target users by analyzing user behavior and optimizing the user experience on apps

ZINGBOX (Backend Team) (Node.js, MongoDB, Express, AWS, python)
Software Developer Intern — Jan. 2019-May 2019

- Built API solutions for the IoT application with more than 1 million devices
- Launched the device usage and protection feature, satisfying users' needs to monitor more than 1 million devices' security and usage information
- Enhanced existing IoT device usage report to provide more device usage data for users
- Created a file management system, allowing users to upload, list, remove and download files

IBM (Watson and Cloud Platform) (Python, React, Nodejs, MySQL)
Watson Cognitive Software Engineer - Intern — June 2018-Aug. 2018

- Released a web application to provide loan classification service
- Developed the UI, server-side logic and model to calculate, store and present the risk scores and ROI of loans with React, Node.js, Docker, MySQL, and IBM Cloud
- Trained Random Forest Classification model on millions of public personal loan records with Apache spark, and improved model performance using KNN, PCA, SMOTE algorithms, and correlation analysis, getting 66% recall score meeting the requirement

PROJECTS

Tiny-SQL (Java) — Oct. 2017-Dec. 2017

- Realized a SQL interpreter which could accept, execute, and output results of CRUD queries, including JOIN, SORT, DISTINCT operations using Java
- Solved the memory shortage problem when joining too large tables, by Heap Sort
- Lifted NATURAL JOIN and THETA JOIN operations performance with an optimizer for AST, 87% of running time reduced on average