Michael Xu

Mountain View, CA
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Skills

- **Languages:** JavaScript, NodeJS, Typescript, Java, Go, C/C++
- **Web Technologies:** ReactJS, GraphQL, Restful APIs, Web Sockets, HTML/CSS
- **Data/Cloud:** NoSQL (MongoDB), SQL (MySQL), AWS, Docker
- **Other:** Git, Unix/Linux, RPA tools

Experience

03/20 – PRESENT

Software Engineer / Google, Mountain View CA

- Worked cross functionally to support PMs, TEs, and other SWEs to design and deliver tools for the full automation of Google cloud testing infrastructure using various internal Google technologies

11/18 – 03/20

Software Developer / DRW, Montreal QC

- Worked in agile to build web-based applications using a variety of technologies and languages including Typescript, NodeJS, ReactJS, Go, and C
- Improved the workflow and tooling of high-performance trading systems while supporting researchers, traders, and other developers throughout the organization

05/17 – 11/18

Software Developer / RoadLaunch, Toronto ON

- Led the development for a decentralized logistics platform, built on the Hyperledger blockchain network
- Built the core logical components for various backend systems and created a set of APIs used across the organization using JavaScript, Go, and AWS

11/17 – 11/18

Application Developer / Royal Bank of Canada, Toronto ON

- Created automated processes for consolidating complex financial data sets and created a standard library of reusable objects, which massively increased productivity across several teams

05/17 – 11/17

Solutions Designer / Toronto Dominion Bank, Toronto ON

- Developed, tested, and deployed automated solutions to improve the workflow of legacy back-end applications through RPA

Education

SEPT 2015 – JUNE 2017

Master of Science / McMaster University, Hamilton Ontario

Computational Science and Engineering
Thesis: The Vehicle Routing Problem with Multi-Period Disruptions

SEPT 2011 – JUNE 2015

Bachelor of Mathematics / University of Waterloo, Waterloo Ontario

Mathematical Optimization - Operations Research