



Michael Xu

Redwood City 

(408) 604 - 5226 

accmxx@gmail.com 

linkedin.com/in/michael-xu 

micexx.github.io/resume 

Skills

Languages: JavaScript, NodeJS, Typescript, Java, Python, Go, C/C++

Web Technologies: ReactJS, Angular, GraphQL, Restful APIs, Web Sockets, HTML/CSS

Data/Cloud: NoSQL (MongoDB), SQL (MySQL), AWS, Docker

Other: Git, Unix/Linux, RPA tools

Experience

Mar 2020 – Present

Software Engineer / Google, Mountain View CA

- Cloud - Worked cross functionally to support PMs, TEs, and other SWEs to design and deliver tools for the full automation testing infrastructure for Apps Core
- Geo - Worked on the large scale data curation for Google maps

Nov 2018 – Mar 2020

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

Nov 2017 – Nov 2018

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

Nov 2017 – May 2018

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
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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