# Michael Ge

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## Skills

**Technical:** Java, JavaScript, TypeScript, SQL, AngularJS, HTML, CSS, JUnit Tests, Jasmine Tests, Git, Linux, Docker, Kubernetes, Jenkins CI/CD

**Languages:** English – Fluent, French – Working Ability, Mandarin Chinese – Basic

## Work Experience

**Full-Stack Software Developer**                                       June 2022 – Present
*UKG – Ultimate Kronos Group*                                          Montreal, Canada
- Scheduling Core Team - Implemented enterprise level workforce management solutions using **Java, Typescript, and AngularJS**
- Developed front-end of new scheduling products using **AngularJS** framework, driving $10 million in revenue.
- Investigated backend API performance using in-house testing framework. Identified and presented key issues to engineering leadership and refactored classes which reduced latency by 73%.
- Collaborated with senior engineers to design and implement customer-facing RESTful API for managing the retrieval of batch jobs.
- Created **JUnit** and **Jasmine** tests, monitored and improved **Jenkins CI/CD** build success rates by 30%
- Added living documentation and guides to simplify development, improve onboarding of new employees and interns.
- Maintain server-side engines in Linux environments with the use of Docker and Kubernetes

**Food Stall Founder and Operator**                                    October 2018 - May 2020
*Richmond Nightmarket*                                                 Richmond, Canada
- Founded a small food stall business that generated $200 000 in revenue, hired, and managed 5 employees.
- Gathered and analyzed market data to develop product market fit, specified quality control requirements and continuously experimented and tested products to improve customer experience.
- Oversaw product quality and resolved customer concerns in a fast-paced environment, resulting in 150+ orders per night and being ranked in the Top 10 vendors as voted by visitors.

## Education

**University of British Columbia**                                      September 2017 – May 2022
*BSc Combined Major in Science – Computer Science & Environmental Science*

## Projects

**Museums (Hackathon Team Project)**                                    January 2022 - Present
- Selected as the winner of a 600$ prize in Western Canada's biggest 24-hour hackathon.
- Developed a **React** web-app that allows users to view collectors NFT art, market value, and artist descriptions.
- Cleaned and parsed JSON data retrieved from blockchain API

**Canadian Athletes Database (Group project)**                         September - December 2021
- Designed a database that contains information about Canadian athletes that competed in the Olympics.
- Create entity-relationship diagrams, implemented tables and relationships in **SQL** and a graphical user interface in **PHP** and **HTML**

**Canadian Forest Fire Data Analysis**                                 November – December 2021
- Applied statistical algorithms to research trends from Canadian Forest Fires, scripted using **MATLAB.**