YAN REN

Phone: 514-430-3396 | **Email:** ryan.ren3@gmail.com
Address: Verdun, Montréal

ABOUT

- Software Engineer with a demonstrated history of working with micro services, REST APIs, database, automation testing and CI/CD.
- Open to relocate to Toronto/Vancouver or Canada remote opportunity.

SKILLS

Languages: Java, Go, Python	**Databases:** MySQL, MongoDB
Web: JavaScript, Node.js	**Dev Tools:** Git, Bash/Shell, Docker/Kubernetes, GCP,
GitHub: https://yan-ren.github.io/yan-profile	Jenkins, Gitlab CI/CD, Kafka

WORK EXPERIENCE

SOFTWARE DEVELOPER - Unity Technologies. - Montréal, QC   Sept 2021 - present

- Worked in Unity Ads division to build programmatic microservices in demand-side Ad serving platform. Microservices developed in Node.js, Golang, gRPC, MongoDB, Google Cloud Platform.
- Designed and implementation the granular location targeting feature across Golang microservices, which allows ads targeting team to control ads delivering based on geolocation.

SOFTWARE DEVELOPER - Index Exchange Inc. - Montréal, QC   June 2018 - Sept 2021

- Worked in Agile team to build supply-side programmatic Ad serving platform (Golang, Perl, Apache, MySQL, CentOS), which is deployed on private cloud.
- Contributed to the design/implementation of Golang microservices for adapting new Ad serving standard to legacy systems, e.g. Programmatic Guarantee, OpenRTB Ad Management API, etc.
- Developed proof-of-concept of meta value extraction from videos with FFmpeg for video creatives verification (Go, Gin, MySQL, Helm, Kubernetes).
- Implemented Golang REST API endpoint used by internal system configuration & audit.

SOFTWARE QA INTERN - Vigilant-a DRW Company - Montréal, QC   May 2017 - Aug 2017

- Python DDT automation test case implementation for web parser application; React/Redux front-end automation unit test case.
- PowerShell scripting for TeamCity CI & Slack notification.

SOFTWARE QA INTERN - Kronos Canadian Systems Inc. - Montréal, QC   Sept 2016 - April 2017

- Java programming for implementing TestNG API in customized automation testing framework
- Agile development of backend automation testing (REST API)

EDUCATION & HONORS

Bachelor of Computer Engineering Co-op Program

McGill University, Montréal, Québec   Sept 2013 - May 2018

- Dean's Honour List and a cumulative GPA of 3.69/4.00   2013, 2018
- Engineering Class of 1953 SURE Award   2015, 2016

PROJECTS

Selenium Python Auto Barrage

Project link: https://github.com/yan-ren/little-web-tools/tree/master/selenium-automation-script/huya_auto_barrage

- An automation tool written in Selenium Python for auto-login, scraping real-time comments, and sending barrages on Huya streaming website.