

YAN REN

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ABOUT

Software Engineer with a demonstrated history of building web back-end server, REST APIs, unit testing, micro services, automation scripts and CI/CD. Skilled in Object-oriented programming. Open to the opportunities of experiencing cutting edge technology.

SKILLS

Languages: Java, Go, Perl, Python

DB: MySQL, MongoDB

Web: JavaScript(Node.js, jQuery), HTML, CSS

OS & Tools: Linux, Bash, Git, Gitlab CI, Docker

GitHub: <https://yan-ren.github.io/yan-profile>

RELATED WORK EXPERIENCE

SOFTWARE ENGINEER - Index Exchange Inc. - Montréal, QC June 18 - present

- Perl & Go based back-end Ad server feature implementation and deployment(CentOS, MySQL).
- Implemented Go back-end REST API in Gin framework with MySQL.
- Analyzed and troubleshoot production data by using Python Jupiter notebook.

QA AUTOMATION INTERN - Vigilant-a DRW Company - Montréal, QC May 17 - Aug 17

- Python DDT automation test case; React/Redux based front-end automation unit test case.
- PowerShell scripting for TeamCity & Slack integration.

SW QA DEVELOPER INTERN - Kronos Canadian Systems Inc. - Montréal, QC Sept 16 - April 17

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

SOFTWARE DEVELOPER INTERN - BioMindR, TandemLaunch Inc. - Montréal, QC June 16 - Sept 16

- Developed Python GUI in PyQt, for converting, and analyzing the data generated by Gnuradio-Companion

RESEARCH STUDENT - Software Radio Lab, McGill University - Montréal, QC May 15 - Dec 15

- Assisted research associates to implement wireless communication protocols
- Programmed in C++ to perform functional and performance testing for various protocols of ESP8266 Module

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

VOLUNTEER EXPERIENCE

Programming Mentor, Robotics Team Mentor

Ivy Learning Center, Montréal, Québec

Sept 2015 - present

- 2019 FLL team mentor, Quebec Provincial Championships robot performance second highest score.
- Supervised students for 2019 Canadian Computing Competition senior division.