

MICHAEL XIAN

CONTACT

✉ michaelkxian@gmail.com
☎ +1 604 600 9988
@MichaelXian
🏠 michaelkxian.github.io
📌 Michael Xian

SKILLS

Languages

Java (6yr)
Bash (5yr)
Python (4yr)
Typescript (2yr)
HTML/CSS/Javascript (3yr)
C++ (2yr)
C (1yr)
SQL (1yr)

Technologies

React
Virtual Reality/Unity
Google Cardboard
Docker
Kubernetes
OpenShift/MiniShift
Jenkins
Kafka
Mockito
Guice
Spring Boot
SikuliX
Angular
Jupyter/Sagemaker
Sumologic
Sentry
Machine Learning
Scikit-learn

REFERENCES

Alex McRoberts
Software Dev Manager
Hootsuite
604-728-7830
alex.mcroberts@hootsuite.com
Scott Peacock
Team Lead
Global Relay
604-729-1275
scott.peacock@globalrelay.net

WORK EXPERIENCE

- 📅 May 2020 - Sept 2020, May 2021-Present
📍 Hootsuite **Software Developer Co-op**
- Finished End-To-End tickets, including front-end, API calls, endpoint and worker changes.
 - Investigated and created reports on errors/acceptance rates on machine learning models
 - Implemented hot-reloading in a dockerized flask app
 - Created metrics to monitor endpoint failures and usage rates using Splunk, Grafana, and Mixpanel
 - Collaborated in an international team across timezones (NA/Europe)
 - Worked on Python endpoints and unit tests
 - Handled multilingual emails/forms using Smartling
- 📅 Sept 2019 - May 2020
📍 Global Relay **Software Developer Co-op**
- Lead design discussion on MongoDB container in Kubernetes/OKD
 - Assisted in on-boarding new team members
 - Created bash scripts to streamline dev flow for myself and coworkers
 - Created APIs using Armeria/Spring Boot for services and exposed them to outside traffic through Kubernetes routes.
 - Unit tested my features using JUnit, Mockito, and Guice.
 - Refactored libraries/command-line tools for increased readability and testability.
 - Worked with distributed systems using Kubernetes/OpenShift/MiniShift.
 - Developed a microservice based solution for compliance in the financial industry using Agile methodology.
 - Utilized Jenkins pipeline for continuous integration.

EXTRA-CURRICULAR

- 📅 Nov 2020 - Feb 2021
📍 Freelance - E-law website
- Created infrastructure for a Typescript/Next/Preact/TailwindCSS project
 - Setup back-end Azure/Mongo database
 - Setup CI/CD using Netlify
 - Worked on profile/messaging service/transitions
- 📅 Sept 2018 - May 2019
📍 UBC Launchpad - Internado
- Created module using React to show results from server query on job/internship postings.
 - Created authentication endpoint.
- 📅 Sept 2017 - May 2018
📍 AMS Game Development Association - w1ck3dpr0bl3m5
- Worked in a team of 4 with ORICE (the Office of Regional and International Community Engagement) to create a VR experience to help familiarize ASTU 401 students with the "wicked problems" they are dealing with in the course.
 - Made using Unity, C#, Google Cardboard, Virtual Reality.

VOLUNTEERING

- 📅 Sept 2018 - Dec 2018
📍 Emerging Media Lab - Main Mall Hustle
- Implemented dashing mechanism in C#, which also allows the user to ignore collision, for a virtual reality experience aimed at familiarizing users with the layout of UBC.

EDUCATION

- 📅 Sept 2017 - Present
📍 University of British Columbia, Vancouver
- In the Bachelor of Science program, with a specialization in Computer Science. 3.95 GPA.