

Clement Tsang

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SKILLS

Languages: Rust, Go, Python, JavaScript, C, C++, Java, Kotlin, SQL, C#

Technologies: Kafka, Kubernetes, React Native, MongoDB, Hive, Vue.js, Node.js, Docker, PyTorch

EXPERIENCE

Software Engineering Intern

Datadog

May 2021 – Aug 2021

New York, NY

Software Engineering Intern

Wish

Jan 2020 – Apr 2020

Toronto, ON

- Created a new package check-in system for stores in Python and React Native, streamlining the process for users and completely automating refunds for lost packages.
- Implemented a new management system for stores to search and edit listed products using Python and React Native.
- Improved and added to internal admin tooling and reporting using Python and JavaScript.

Software Developer – Full Stack

360 Education Labs

May 2019 – Aug 2019

Toronto, ON

- Implemented an internal management console using Vue.js and Node.js to easily control parts of a service from a web interface.
- Completely redesigned a file conversion service for documents using C#, producing both better-looking results and decreasing the conversion time per file from 20 seconds to 4 seconds when compared to the old implementation.
- Designed and implemented a responsive browser document reader with accessibility tools, such as OCR and text-to-speech, using Vue.js.

Software Developer – Testing and Operations

360 Education Labs

Sept 2018 – Dec 2018

Toronto, ON

- Designed and wrote automated tests using Selenium and Java to reduce the total QA test count by about 10%.
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PROJECTS

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- Used Rust to create a lightweight, configurable, and cross-platform terminal application to graphically display resource usage and process management, inspired by tools like htop.
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EDUCATION

University of Waterloo

Candidate for Bachelor of Computer Science

Sept 2017 – Expected April 2022