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# Victor Cho

## DevOps Engineer

GitHub: 22victoryy  
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### SUMMARY

Skilled IT Professional with 2+ years in DevOps and Software Engineering experience in designing, automating, and optimizing mission critical deployments. Leveraged **Configuration Management, AWS, Docker, Windows & Linux** server maintenance within the **DevOps** processes.

### EMPLOYMENT

#### Stingray Business

Toronto, ON

##### Junior Developer - Permanent Full-Time

AUG 2021 — July 2022

- Optimized Bash and PowerShell scripts to improve real-time updates to data in AWS S3 buckets by 50%
- Maintained Windos & Linux servers while optimizing system performance, installing upgrades & patches, and ensuring data-flow upkeep for digital billboards
- On-call monitored of new clientele screen installations and real-time hardware troubleshooting
- Provided ongoing level 1 & 2 front-line support for device troubleshooting in English and French

##### Software Developer Intern - Contract Part-Time

AUG 2020 — JUL 2021

- Developed the server side of a computer provisioning system to keep track of deployed devices and to auto-populate corresponding data to digital billboard signs
- Troubleshot many hours and fixed Docker-related issues
- Wrote PowerShell scripts to automate manual hardware installations processes, which sped up provisioning time by 70%

##### Software Developer Intern - Full-Time Internship

JUN 2020 — AUG 2020

- Developed, maintained and optimised Bash and PowerShell scripts for managing data used by a fleet of remote machines
- Implemented and improved front-end HTML & JavaScript content used to display different media clip layouts on physical displays
- Provided level 1 support for deployed remote devices in English and French

#### Novramedia (Stingray)

Toronto, ON

##### Software Development & Support Intern

MAY 2019 — AUG 2019

- Developed the server side of a Checkin system to query REST APIs and aggregate userlist data into Dockerised instances of Apache CouchDB
- Translated lots of Ruby helper scripts into PowerShell for automating data uploads and updates to AWS S3 buckets
- Designed sleek websites for clients in vanilla JavaScript and HTML

### EDUCATION

#### University of Toronto, St George

SEP 2017 - JUL 2021

BSc. Cognitive Science, Minors in Statistics, Linguistics

Track - Computational Cognition

### SKILLS

**Scripting & Development** Powershell, Bash, Python, Ruby, Java, JavaScript

**OS & Tools** Linux, Hyper-V, Docker, Kubernetes, Amazon Web Services (AWS), Jenkins, Ansible, Git

### PROJECTS

#### vccho.com - Personal Website

Sept 2022

My personal website which includes about myself, my experiences, and my skills. Leveraged HTML/CSS/Vanilla JavaScript to design and populate the html. Currently deployed using the github hosting services.

#### MBTI predictor - Personality Prediction Project

December 2020

An MBTI predictor with an accuracy averaging at 60%. Used the Bayes Net Classifier to predict the Myers Briggs personality types of twitter users through analysing comments. NLTK was used to tokenize the words and pre-process the data.

#### Let's Game! - Android Game Application

April 2020

An android game with 3 different games to play depending on the level you are at. Jointly developed within a team of 4, built multiple app layers from authentication leveraging Firebase, to actual gameplay with Java Android Studio.