Victor Cho
DevOps Engineer

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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 maintainence 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
- Troubleshooted 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*
A simple personal website which includes my resume, contact info, and a background information about myself. Leveraged an Amazon EC2 instance to run a Docker container with an NGINX load balancer to deploy the website. Route53 used to connect my domain to the website.

MBTI predictor - *Personality Prediction Project*   *Dec 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*   *Apr 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.