

Benson Yang

(604) 600-8978 | benson@bensonyang.com | bensonyang.com | [bensonyanger](https://www.linkedin.com/company/bensonyanger) | [bensonyanger](https://www.linkedin.com/company/bensonyanger)

Technical Skills

- Languages** Bash, C, C#, Java, Python, TypeScript
Cloud Azure, AWS, Docker, GCP, Kubernetes, Linux
Tools Atlassian Suite, Git, Jenkins, MongoDB, Redis, Terraform

Work Experience

Lifeline Systems

Vancouver, British Columbia,
Canada

DEVOPS ENGINEER

May 2021 - Present

- Administer bare-metal and virtualized Kubernetes clusters and databases
- Monitor and maintain containerized services deployed on site and in the cloud (AWS/VSphere)
- Maintain virtual machine images for our CI/CD infrastructure (Atlassian Bamboo)

Sierra Wireless

Richmond, British Columbia,
Canada

SOFTWARE TEST ENGINEER, CO-OP

Sep. 2020 - Apr. 2021

- Develop and administer CI/CD infrastructure for the Legato project (Jenkins, Gerrit)
- Maintain critical networking and host services like Ignition, dnsmasq, and BIND
- Monitor and maintain containerized services deployed on site and in the cloud (Azure, VSphere, Bare-metal)

Projects

MapleCTF 2022

JUN. 2022 - AUG. 2022

- I was the primary infrastructure engineer for this, where we host a cybersecurity competition in which users exploit challenges to get a "flag".
- This leverages Kubernetes, GitHub Actions, and Jenkins while using GCP as our cloud provider.
- The writeup for this can be found here: <https://maplebacon.org/2022/09/maplectf-infra/>

Unbiased? (Python/JavaScript) - Personal (nwHacks 2020)

JAN. 2020

- Unbiased? is a sentential analysis engine that scrapes a user inputted website and analyzes it's content for political bias (American focused).
- Designed and written in Python using using Tensorflow.
- Implemented and trained a long short-term memory neural network to identify political bias in news articles.
- Made in a team of 4 people in 24 hours, the frontend was done in React.js and Django with the use of the Google Cloud platform.

Education

The University of British Columbia

Vancouver, British Columbia,
Canada

B.SC IN COMPUTER SCIENCE

Sep. 2019 - May 2023

- Member of the UBC Developer Student Club and Maple Bacon (a cybersecurity club)

Langara College

Vancouver, British Columbia,
Canada

ASSOCIATE'S DEGREE IN COMPUTER SCIENCE

Jan. 2018 - Aug. 2019

- Transferred to The University of British Columbia in Sep. 2019