

Eric Son



ericsonn.com



linkedin.com/in/eric-sonn



github.com/nuxeric



nuxeric@hotmail.com



778 - 707 - 3742

Languages



Java



Python



C / C++



Javascript



HTML/CSS

Technologies



AWS



Git



Docker



Node.js



Kubernetes

Experience



Samsung, IOT Software Developer Intern

Java

Jan 2020 - Present

Canada, Vancouver, BC

- Current intern for Samsung Research Canada's IOT team working on developing services and applications in relation to Samsung's IOT devices,
- Focused on **back-end** development



Tigra, Project Calico Research Intern

Kubernetes, Docker, AWS

Jan 2020 - Present

Canada, Vancouver, BC

- Current remote intern researching and learning about Tigra's open source project **Calico** to make it more accessible to a wider audience



Samsung, Cloud Operations Engineer Intern

Python, Shell, AWS, Linux, Ansible, Jenkins

September 2019 - December 2019

Canada, Vancouver, BC

- Completed a POC of using AWS S3 buckets as the backend for Samsung Pay's yum repository to remove **a single point of failure**, making the system **highly available** while increasing **data redundancy**
- Presented this POC and its implementation details to Samsung Pay's global operation's leaders to push towards global implementation
- Built an internal tool using Python and Jenkins to identify underutilized AWS EBS volumes to save costs, saving over **\$13000 yearly**

Projects



Backend Authentication Server, Web Service Authentication

Javascript

Jan 2020 - Present

- Writing a Node.js application that acts as an **API authentication server** where all my other web-services will scale from
- Implemented through Node.js, Express, and using JWTs to authenticate users.



FlappyBird, A Flappy Bird Remake

Java

July 2019 - September 2019

- Developed a remake on the grandfather of casual gaming (Flappy Bird) using Java's Swing Framework
- Implemented **pixel by pixel collision resolution** instead of the original game's AABB collision detection model

Education



UBC, Computer Science and Business

September 2017 - April 2022

- Bachelors of Computer Science and Business (Combined Major)
- Dean's Honour Roll (Maintained a cumulative average over 80%)
- Computer Science GPA : 3.9 / 4.33