

VINCENT LAM

5438 Norfolk Street, Burnaby, BC, V5G 1G2

PHONE (778)-388-2376

EMAIL Vincentthanhlam@gmail.com

EDUCATION

Simon Fraser University
Applied Sciences - **Software Systems**

September 2013 - May 2020
Burnaby, BC

WORK EXPERIENCE

SAP

Software Development Intern

May 2019 - December 2019

- Developed the automatic categorization of IT issue tickets/emails via SAP's Machine Learning platform **Leonardo**.
- Used **NLTK/Spacy** to clean emails/tickets of their irrelevant info such as headers, disclaimers, personal/private information, etc.
- Devised and implemented a **microservices** architecture to submit the tickets via a SAP authorized API endpoint with microservices to clean and categorize tickets, as well as handle/log any workflow or service error.
- Created a private UI for the administrative party on **React**, and had automatic test reports and builds via **Jenkins**.

Amazon

Software Development Intern (Term B)

May 2018 - August 2018

- Modified an **open-source**, self-driving RC car project to use **Apache Mxnet** over the existing **Keras/Tensorflow machine learning** framework
- Documented performance of various modified models for online recreational publicity of the framework on Medium
- Trained the models using **AWS services** (EC2 instances, Sagemaker) with online and personal datasets
- Assisted in developing a **Docker** image of **MxNet** for **Raspberry Pi** for faster deployment

Software Development Intern (Term A)

September 2017 - December 2017

- Created a **front-end service** for an internal tool for business teams to perform CRUD operations on Amazon's **Dynamo Database**.
- Regularly communicated with various teams to define the requirements/design of the tool, such as **authorization checks**, business logic, and **UI design**.
- Worked in Java using Amazon's modified **Spring framework**, and **Javascript** for UI

PROJECTS

Barley

March 2019 - Present

- A cross platform application that allows patrons of bars and similar venues to request booking and priority queueing, based on a business analysis report on the theoretical success of an app amongst university students and young adults in London, Ontario.
- The stack involves Serverless, with AWS services for authentication and hosting, and Angular/Ionic for SPAs in the current iteration, and later for mobile as well.

SKILLS

LANGUAGES/Frameworks

Proficient (~2 years)

Python

- MxNet
- Keras
- NLTK

TypeScript

- React/Redux
- Angular

Java

- Spring

Git

Familiar (~1 year)

C#

- .NET

Dart

- Flutter

SQL

- PostgreSQL
- MySQL

Serverless

SERVICES/PLATFORMS

Familiar (~1 years)

Docker

AWS

Cloud Foundry

Jenkins

SOFTWARE

Familiar (~1 years)

SolidWorks

Adobe Illustrator

Blender