

George Yang

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georgeyang.me



Skills & Abilities

- Adequate programming experience in **Python, Javascript, C/C++, Java, PostgreSQL, MySQL**
- Proficient with version control tools such as **Git, SVN**, and automation tool such as **Preforce**, automation tool such as **Jenkins**, and containerization technology **Docker**
- Working experience with web development framework such as **React, Angular**, backend technology such as **Django, MongoEngine**
- Familiar with **AWS** technology stack, **Logstash**, and **Elasticsearch**

Experience

Software Engineer / eHealth Inc., Santa Clara

FEBURARY 2020 – MARCH 2020

- ❖ Individually developed a drug name search microservice using **Spring Boot, Logstash, Elasticsearch** with **auto completion** and **fuzzy search**
- ❖ Integrated and standardized commercial scale **ETL** jobs using **AWS Glue**

Software Developer / Rippling, San Francisco

MAY 2019 – AUGUST 2019

- ❖ Developed the Hardware Management Service Installer and UI using **Electron** Framework for **MacOS** and **Windows** users
- ❖ Customized a **RADIUS** server using **FreeRADIUS** to deliver WIFI authentication service for more than 10 clients on a monthly basis
- ❖ Developed and maintained MacOS software update management service using **Munki, Reposado** to hide undesired OS software updates and force selected updates on client's device
- ❖ The above projects and features have generated over **USD\$100,000** of revenue monthly for the firm

Gameplay Programmer / Behaviour Interactive, Montreal

SEPTEMBER 2018 – DECEMBER 2018

- ❖ Developed **gameplay, graphic**, and **sound** features for **Dead By Daylight** using **C++** and **Unreal 4**
- ❖ Consolidated proficiency in Unreal engine by investigating engine functionalities and **modifying engine code** to implement features for **WWise sound engine, mesh**, and **ray casting**

Software Developer / Royal Bank of Canada, Toronto

MAY 2018 – AUGUST 2018

- ❖ Implemented a UI for RBC's own **S3** service using **Angular** for frontend and **Python Flask** for backend
- ❖ Built development pipelines using **Docker** to serve **Apache Nifi-cluster** and **Nifi registry**

Education

Bachelor of Computer Science / University of Waterloo

SEPTEMBER 2015 – AUGUST 2020

- ❖ Dean's Honours List in 2015-2016 and 2018 with excellent academic standing
- ❖ **Academic Project: Android application, User Interface, March 2018**
 - Designed a multi-activities Android application with **MVC pattern** using Android Studio
 - The application scales from small to large screen and supports **different orientation**

Interest

Fencing, Cryptography, Bouldering, Fishing