JEFFREY FEI

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SKILLS

LANGUAGES: Go, Java, Python, C/C++, Ruby, JavaScript
TECHNOLOGIES: AWS, Jenkins, Docker, Terraform, scikit-learn, Git
DATABASES: MySQL, PostgreSQL, Redis

EMPLOYMENT

Salesforce
Infrastructure Engineering Intern · May 2018 to Current · San Francisco, CA
- Designed a new deployment process that enables private Jenkins server to deploy to public EC2 instances
- Automated the creation of dockerized testing environment over EC2 instances using Terraform
- Implemented a log forwarder to forward deployment logs to private Splunk server through S3 buckets
- Utilized VPC Private Link to allow public EC2 instances to access private Nexus server repository

Shopify
Developer Intern · Sept. 2017 to Dec. 2017 · Waterloo, ON
- Implemented a real time event multiplexing service in Go to relay customer orders to Shopify Launchpad
- Refactored an event multiplexer which reduced duplicating order events relayed to the clients by over 60%
- Prototyped a scalable webhooks handler in Rails for Shopify's future product content management application

SMART Technologies
Software Developer Intern · Jan. 2017 to April 2017 · Calgary, AB
- Designed SMART LAB's web migration that allows users to launch SMART LAB in SLSO
- Implemented a new login flow in SMART LAB to allow subscription based user access control
- Created a dialogue system that monitors and informs the user on the running status of LAB activities

Dell EMC
Software Engineer Co-op · May 2016 to Aug. 2016 · Burlington, ON
- Improved build analytics by implementing a service to process real time build machine data with Node.js
- Implemented Python scripts to automate inactive owner reassignment over Coverity
- Automated Purify log imports in Coverity which enables stack tracing of outstanding memory issues

PROJECTS

Share My Notes
Nov. 2017 to Current
- A horizontally scalable markdown note sharing service built in Go

Kontex
Nov. 2017 to Dec. 2017
- A trainable extractive summarizer built using scikit-learn's Naive Bayes classifier

EDUCATION

University of Waterloo
Bachelor of Software Engineering 2020