Anita Tse
Software Developer and DevOps Engineer

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EDUCATION

Bachelor of Science in Computer Science
University of British Columbia

09/2015 – 05/2020   *(expected)*

EXPERIENCE

Associate Software Developer
Absolute Software

05/2019 – Present

- Implemented enhancements and refactorings to the existing Java testing framework and expanded the automated test suite for the core product
- Wrote automated tests to perform SQL database queries and operations
- Configured and set up the fleet of automated testing devices and their respective Jenkins jobs

DevOps Engineer
Copperleaf Technologies

09/2018 – 02/2019

- Containerized Jenkins jobs used to deploy and launch new production servers
- Implemented and tested the automation of new features in Ansible playbooks

DevOps Co-op
Copperleaf Technologies

01/2018 – 08/2018

- Implemented a highly available and fully configured Consul configuration system operating in production for Jenkins automation jobs
- Set up new application health checks on Sensu and log collection on Sumo Logic
- Gained extensive knowledge in various tools such as AWS, Ansible, Docker, Terraform, and Jenkins

Undergraduate Teaching Assistant
University of British Columbia

09/2017 – 12/2017

- Led weekly labs for an introductory course in functional programming
- Facilitated and graded students' assessments throughout the term
- Taught students lecture material during office hours

SKILLS

C / C++   Java   JavaScript   TypeScript   Python

Junit Testing   Mocha Testing   SQL   AWS

Docker   Jenkins   Consul   Terraform   Ansible

Sumo Logic   MacOS   Unix/Linux   Windows

PROJECTS

Share the Paws (04/2019)
- Web Application | Academic
- Modelled a service for dog walkers and owners to create and accept walk requests
- Worked in a team of four using HTML/CSS, PHP, and SQL

Insight UBC (09/2018 – 12/2018)
- Web application | Academic
- Constructed the full stack web application and REST API using JavaScript and Typescript to query from HTML and JSON data
- Worked in a team of three using agile methodologies

BlueDirect (04/2017)
- Android Application | Bizhacks 2017 finalist
- Constructed a Best Buy app using Java, Android Studio, and Google Cloud Vision API
- Delegated tasks for each of 5 team members and presented the project to judges

INVOLVEMENT

nwPlus - Co-President (04/2019 – Present)
Leading a team of 40 members in the planning and execution of three high profile hackathons bringing in over 1200 participants, 100 industry mentors, and 30 sponsors

nwPlus - nwHacks Logistics Director (04/2018 – 04/2019)
Lead a team of 5 members in planning and running all logistics at Western Canada's Largest hackathon

Illuminate Vancouver - Workshop Mentor (04/2017)
Mentored beginner and intermediate python and HTML/CSS workshops at the Tekathon conference focussing on coding and design thinking

CERTIFICATES/ACHIEVEMENTS

AWS Associate Solutions Architect (08/2019 – Present)

Bizhacks 2017 Finalist (04/2017)

Dean's Honour List (06/2017)