Anita Tse

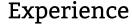
Software and DevOps Engineer

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an it at se. github. io







Software Development Engineer I, Amazon

Incoming 07/2020

Associate Software Developer, Absolute Software

05/2019 - 12/2019

- Wrote automated end to end tests to perform SQL database queries and operations, doubling the test suite size
- Implemented enhancements and refactorings to the existing Java testing framework
- Configured and set up the fleet of automated testing devices, their respective Jenkins jobs, and test results reporting, now used by the team for each release

DevOps Engineer, Copperleaf Technologies

09/2018 - 02/2019

- Containerized Jenkins jobs used to deploy and launch new production servers on AWS
- 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

01/2018 - 08/2018

- Led weekly labs for an introductory course in functional programming
- Facilitated and graded students' assessments throughout the term

Education

University of British Columbia, B.Sc., Major in Computer Science

09/2015 - 05/2020

 Relevant Coursework: Algorithm Design and Analysis, Software Engineering, Relational Databases, Data Structures

Skills

Languages: Java, JavaScript, TypeScript, C/C++, Python

DevOps: Docker, AWS, Jenkins, Terraform, Ansible, Sumo

Logic, Packer, Vault, Consul, Docker Compose

Other: SQL, JUnit Testing, Mocha Testing, Unix/Linux, HTML/CSS, D3.js, React.js, Spark AR Studio

Projects

Share the Paws Web Application

04/2019

- 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 Web Application

12/2018

- 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 Android Application

04/2017

- 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

Co-President, nwPlus

04/2019 - 04/2020

- Led 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
- Authored over 12 articles on hackathons, team management, and more for nwPlus's Medium Publication

nwHacks Logistics Director, nwPlus

04/2018 - 04/2019

 Led a team of 5 members in planning and running all logistics at Western Canada's Largest hackathon

Workshop Mentor, Illuminate Vancouver

04/2017

 Mentored beginner and intermediate Python and HTML/CSS workshops at the Tekathon conference focussing on coding and design thinking

Certificates/Achievements

MLH Top 50 Hacker 2020 AWS Associate Solutions Architect Bizhacks 2017 Finalist

02/2020 08/2019

04/2017