

# ALICE KIM

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## TECHNICAL SKILLS

Java, JavaScript, Python, C++, C#, Git, Docker, Kubernetes, MySQL, MongoDB, Google Firebase, Node.js, Express.js, React, Vue, Angular, Flutter, Heroku, AWS, GraphQL, Unity

## EXPERIENCE

**Software Developer Intern** • JavaScript, Docker, Kubernetes, React, Java 09/2019 – 04/2020

SAP Concur

- Implement core components of credit card registration workflow in React with Redux
- Use GraphQL to query credit card types to help simplifying clients' registration process
- Craft Helm charts for building, testing, and deploying application to Kubernetes instance on AWS

**Quality Assurance Support Specialist** • JavaScript, PHP, MySQL, Selenium 01/2018 – 08/2018

UBC IT Web Services

- Implement custom Drupal modules such as image collage or parking availability status dashboard in JavaScript
- Build script for automated regression tests managing 50+ websites to save approx. 10 minutes per site

**Undergraduate Teaching Assistant** 05/2017 – Present

UBC Department of Computer Science

- Lead office hours to help students with clarifications, use of an IDE, and unit testing

## PROJECTS

**ThinkSmall** • React, Redux, Node.js, Express.js, MongoDB, Heroku, AWS 05/2020 – 08/2020

Academic project • [thinksmall.live](https://thinksmall.live)

- Build a platform to connect small local business owners to community volunteers
- Store images uploaded by user in AWS S3 and handles authentication using Google OAuth 2.0

**Tetris: Find the Gem** • C#, Unity 01/2020

Global Game Jam Vancouver • [bit.ly/Tetris](https://bit.ly/Tetris)

- Build a Tetris game with a stage mode where player must find and clear gems to advance to the next level
- Implement core features of the modern Tetris series: scoring system, preview of the next block, ghost and hard drop
- Build and package project to deploy using WebGL

**Interview Scheduling System** • React, Redux, Node.js, Express.js, MySQL, Heroku 09/2019 – 12/2019

Academic project • [bit.ly/op319](https://bit.ly/op319)

- Build a React web app that provides user with the list of potential interview slots given a list of participants
- Work closely with senior developers at Galvanize to scope and document requirements based on project proposal
- Use Microsoft Graph API to access scheduled events on Microsoft Outlook

**Go Doggy** • React Native, Expo, Heroku, MongoDB 09/2019

VanHacks 2019, 1<sup>st</sup> Place

- Build a React Native app to connect volunteers and local animal shelters to promote dog walking program
- Use Apple Maps API to display locations of nearby local animal shelters

## COMMUNITY INVOLVEMENT

**External Developer** • Vue.js, AWS, Google Firebase 05/2020 – Present

nwPlus, student club • [nwplus.io](https://nwplus.io)

- Build 3 sites in Vue.js to promote hackathon events organized by nwPlus Team

**Workshop Activity Volunteer** • Arduino 01/2020

GIRLSmart4Tech

- Taught Grade 8 students how to control lights on a LED light strip connected to Arduino by writing a simple program

## EDUCATION

**University of British Columbia** • GPA 4.0/4.33 09/2015 – Present

BSc. of Computer Science, expected Grad of May 2021

- Faculty of Science International Student Scholarship 2016, 2017
- Trek Excellence Scholarship for International Students 2016
- Chancellor's Scholar Award 2015