ALICE KIM

📞 +1 (778) 988-7498   ✉ alice828@student.ubc.ca   **in** yehee   ⍾ yehee   ⭷ yehee.github.io

TECHNICAL SKILLS

Programming	Java, JavaScript, Python, C++	**Mobile**	React Native, Expo, Flutter
Other	Git, AWS, Unity, Docker, MySQL	**Web**	Node.js, Express.js, React, Vue, Angular, GraphQL

EDUCATION

University of British Columbia • BSc. of Computer Science • GPA 4.2/4.33   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
- **Relevant courses**: Intermediate Algorithm Design and Analysis, Internet Computing, Machine Learning and Data Mining, Advanced Operating Systems, Parallel Computation, Software Engineering Project, Industry Skills in Academia!

EXPERIENCE

Software Developer Intern • SAP Concur   09/2019 – 04/2020
- Enhanced core components of credit card registration workflow in **React** to deliver better user experience
- Use **GraphQL** to query credit card types to help simplifying clients' registration process which is expected to impact **46.5** million end users worldwide
- Craft **Helm** charts to build, test, and deploy application using **Docker** and **Kubernetes** on **AWS** as part of CI/CD pipeline

Quality Assurance Support Specialist • UBC IT Web Services   01/2018 – 08/2018
- Implement custom Drupal modules such as image collage or parking availability status dashboard in **JavaScript**
- Build script for automated regression tests using **Selenium** managing **50+** websites to save approx. **10** minutes per site

Undergraduate Teaching Assistant • UBC Department of Computer Science   05/2017 – Present
- Assisted CPSC 210: Software Construction in **Java** and CPSC 310: Introduction to Software Engineering in **TypeScript**
- Lead office hours and weekly labs **8 hours/week** to help **30+** students with asynchronous programming, working with **Git**, and unit testing using **JUnit**, **Mocha** and **Chai** library

PROJECTS

pik • Personal project • akhl.me   08/2020
- Build a social media platform that provides a summary based on image analysis via Google Cloud Vision API
- Implement core components in **React** and store user and associated image data on **Redux** fetched from **MongoDB**
- Store images uploaded by user in **AWS S3** and handle authentication using Google OAuth 2.0 deployed via **Heroku**
- Enhance image loading by **82%** after implementing lazy loading using image resizing to serve **150+** photos

Tetris: Find the Gem • Global Game Jam Vancouver • bit.ly/___Tetris   01/2020
- Build a Tetris game in **Unity** with a stage mode where user 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 in **C#**

Interview Scheduling System • Academic project • bit.ly/op319   09/2019 – 12/2019
- 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 utilizing **Node** and **Express**

Go Doggy • VanHacks 2019, 1ˢᵗ Place   09/2019
- 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

Developer • UBC LaunchPad, student club • ubclaunchpad.com   09/2020 – Present
- Work as a group of **12** to build an end-to-end web app to enhance user experience as a UBC student during course registration

External Developer • nwPlus, student club • nwplus.io   05/2020 – Present
- Build 3 sites in **Vue.js** to promote hackathon events deployed via **AWS** with data fetched from **Google Firebase**