ALICE KIM

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TECHNICAL SKILLS
<div style="text-align:right">* currently learning</div>

Languages	Frameworks	Tools
Java	Node.js	Git
JavaScript	Vue.js*	Android Studio*
C/C++*, Python	Drupal	Selenium
R		Firebase
HTML, CSS, PHP		MySQL

WORK EXPERIENCE

Quality Assurance Support Specialist, UBC IT Web Services | Co-op   Jan. 2018 – Aug. 2018
- Enhanced the process of regression testing by integrating Blackfire Profiler and Selenium web driver after website migration in Drupal framework
- Implemented custom modules in PHP to display information (e.g., current parkade availability status) read from MySQL
- Effectively worked on front-end enhancement of existing websites using SASS and JavaScript

Teaching Assistant, Department of Computer Science, UBC   May 2017 – Present
- Proficiently answers questions related to the course topic (e.g., data structures, debugging and testing) or term projects

TECHNICAL PROJECTS

Social Helper Bot | 2018 Local Hack Day Hackathon (JavaScript)   Dec. 2018
- Implemented a Slack bot that replies to any messages with its name tagged in, with a customized response based on a score computed using a sentiment analysis as a measure of inclusivity

Scheduler (JavaScript, Vue.js, Firebase)   Aug. 2018
- Renders to-do items in a calendar form and allows user to enter recurring events e.g. Chistmas Day
- Saves user-supplied inputs consisting of title, date, time, status of a to-do item in a real-time database provided by Firebase

Shinobi vs. Robot | 2017 Local Hack Day Hackathon (JavaScript, HTML)   Dec. 2017
- Worked in a group of two to develop an interactive flash game written in JavaScript
- Implemented keyboard listeners for interactive control of a character's movement

Language Learner Android Application (Java)   Aug. 2017
- Provided a list of vocabulary both in English and native language with the audio file
- Implemented custom listeners to invoke events (e.g., playing audio file, releasing unused memory when stopped)

ACADEMIC PROJECTS

Hotel Reservation System (PHP) | CPSC 304 (Introduction to Relational Databases)   Jan. 2019 – Present
- Designs the database to portray a hotel reservation system as a group of four
- Uses Entity-Relationship diagram to represent the backend implementation written in PHP on MariaDB

UBC Insight Project (TypeScript) | CPSC 310 (Introduction to Software Engineering)   Sep. 2017 – Dec. 2017
- Implemented parsing functionality for datafile in JSON/XML, and made HTTP API calls to collect geolocation information in Node.js
- Implemented an efficient algorithm to validate user inputs and processed valid queries to output a set of requested data
- Practiced optimization of code as a group of two, and refactoring for reusability and code readability

Buses Are Us (Java) | CPSC 210 (Software Construction)   Oct. 2016 – Dec. 2016
- Used a mapping API that maps the location of user, stops, and bus routes on the Greater Vancouver Transit system
- Integrated open source API to retrieve real time arrival information
- Performed unit test using JUnit and implemented JSON parser

COMMUNITY INVOLVEMENT

Language Program Coordinator, UNIK Korean Language Table (KLT)   Jan. 2016 – Apr. 2018
- Determined each student's level of familiarity with Korean and assigns mentor-student accordingly
- Volunteered as a mentor paired with students who are interested in learning Korean

2017 GVRSF Lab Tour   Apr. 2017
- Assisted students in grade 8-9 introductory level of coding experience including simple exercises in MATLAB

EDUCATION

Bachelor of Science, 3rd Year, Combined Major in Computer Science and Statistics, UBC   Sept. 2015 – Present
- Faculty of Science International Student Scholarship (2016, 2017)
- Trek Excellence Scholarship for International Students (2016)
- Chancellor's Scholar Award (2015)