

# Kayci Wang

4th Year Computer Science  
kayciwang@alumni.ubc.ca

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## EXPERIENCE

### **EVIDENT POINT | FULL STACK SOFTWARE DEVELOPER INTERN**

Jan. – Aug. 2018 | Vancouver, B.C, Canada

- Added full accessibility support to the ActiveTextbook web book reader
- Managed a team of three for a front-end rework of the book details page
- Planned/Developed new features using JavaScript, Backbone, Ruby on Rails and MySQL for various clients
- Worked on the ActiveTextbook Android app
- Used rake to automate tasks

### **UNIVERSITY OF BRITISH COLUMBIA CS DEPARTMENT | TEACHING ASSISTANT**

May. – June. 2017 | Vancouver, B.C, Canada

- Monitored one laboratory with 20 students for a first year class (Models of Computation)
  - Worked with two other TAs to help students understand the course material
  - Held office hours, and marked midterms
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## SKILLS

### **LANGUAGES AND FRAMEWORKS**

- Java, JavaScript, TypeScript, Ruby on Rails, HTML, CSS, C#, C, C++, MySQL, Haskell, Prolog, Racket

### **TOOLS**

- Git, BitBucket, JIRA, Periscope, Grafana, Prometheus, SQS, RabbitMQ, HPQC, NAO robot
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## PROJECTS

### **DELIEAT | DART/FLUTTER**

- An Android app for food delivery
- Implemented front-end with Dart and Flutter framework
- Implemented back-end structure with Ruby on Rails

### **KINGDOM OF ZED PUZZLE SOLVER | HASKELL**

- Implemented a solver that uses DFS with backtracking search for a puzzle similar to Sudoku
- Modified the algorithm to solve a more challenging version of the puzzle with incomplete information

### **UBCINSIGHT | TYPESCRIPT**

- Designed a multi-module system that can parse raw text data, persist them in JSON format, and answer queries using a customized language similar to SQL
  - Followed a test-driven development process
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## HACKATHONS

### **SURGE | UNITY/C# - TEAM OF FOUR**

- Designed a 2D puzzle game “Surge” in which player wins by connecting all houses with electrical wires to meet power supply demands without running out of cash
  - Implemented cash system, inventory selection, and the functionality of items
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## EDUCATION

### **UNIVERSITY OF BRITISH COLUMBIA | BACHELOR OF SCIENCE, COMPUTER SCIENCE**

Expected Dec 2019 | University of British Columbia, Vancouver, Canada

- Cumulative CPSC GPA: 4.0/4.33