

# Daryl Kwok

[www.darylkwok.info](http://www.darylkwok.info)

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## TECHNICAL EXPERIENCE

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### Technical Skills

- **Languages:** Java, C++, SQL, HTML, CSS, JavaScript, Node.js, PHP, Scheme
- **Technologies:** Bootstrap, Firebase, Oracle, SQL/NoSQL databases, Github
- **Environments:** Android Studio, IntelliJ, Matlab, Unix

### Technology Workshop Instructor

- Developed and instructed a 2 week workshop at Marpole-Oakridge Community Center.
- Workshop based on smartphones, tablets, and various modern day applications.

### Developer at UBC Code the Change Club

- Collaborated with other students in non-profit projects for other organizations.

## PROJECTS

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### Envite (2017)

<https://github.com/darylk31/inviter>

<https://appetize.io/app/bwrbdtymzb718j55hcf17jd3tm> (online emulator)

- Android application for planning events including a social calendar and individual chat rooms.
- Implementation of JSON based Firebase Database and Firebase Cloud services.
- Java, Android, SQL, Node.js, Firebase

### Personal Portfolio (2017)

<https://github.com/darylk31/darylk31.github.io>

- Personal website to showcase my projects and information.
- HTML, CSS, Bootstrap, JavaScript

### Mind The Gap (2015)

<https://github.com/darylk31/mindthegap>

- Android application showing London Underground stops, lines, and real time arrival information (academic project).
- Java, JSON parsing, JUnit tests

### Puzzle Solver (2015)

[https://github.com/darylk31/puzzle\\_solver](https://github.com/darylk31/puzzle_solver)

- Universal puzzle solver for multiple classic puzzles, such as Sudoku (academic project).
- Implemented multiple searching algorithms such as DFS, BFS, Best-First search. Samples of using hash tables, queues, stacks, and trees.
- C++, Unix

### Restaurant Manager (2016)

[https://github.com/darylk31/restaurant\\_db](https://github.com/darylk31/restaurant_db)

- Sample website to manage restaurant needs, with interface for employees, managers, and kitchen (academic project).
- Java, Oracle, JDBC, SQL, HTML, PHP

## EDUCATION

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Sept 2013 – Dec 2017

University of British Columbia

Bachelor of Science – Combined Major in Computer Science, Life and Environmental Science

- UBC Chancellor's Scholar, recognition of top academic students entering UBC.

## WORK HISTORY

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Jan.2014 – Dec.2014

Math Class Instructor

Marpole-Oakridge Community Center

- Emphasized creative and fun lesson plans for students ranging from preschool to high school.

Jan.2012 – Present

Music Instructor (Piano and Guitar)

Trout Lake, Marpole-Oakridge, West End, Renfrew and Thunderbird Community Centers, Melody Clouds Music Academy

- Developed strong communication skills with people of all ages - working with children to seniors.