

Daryl Kwok

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TECHNICAL EXPERIENCE

Technical Skills

- **Languages:** Java, C++, SQL, HTML, CSS, JavaScript, 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

Personal Portfolio (2017)

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

- Personal website to showcase my projects and information.
- Java, Android, SQL, Firebase

Envite (2016 -)

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

<https://appetize.io/app/bwrbdtyzmzb718j55hcf17jd3tm> (online emulator)

- Android application for planning events including a social calendar and individual chat rooms.
- Java, Android, SQL, Firebase

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

- 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

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

WORK HISTORY

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

- Constant critical thinking and adaptation to personalize lesson plans.
- Developed strong communication skills with people of all ages - working with children to seniors.

EDUCATION

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.