Darren Jonathan Wong
Bachelor of Computer Science, 4th Year
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TECHNICAL SKILLS:

Programming Languages: Java, JavaScript, C/C++, HTML/CSS, Racket
Tools: Eclipse, IntelliJ IDEA, R
Testing: JUnit, GDB

TECHNICAL EXTRACURRICULAR ACTIVITIES:

nwHack 2016 – Bring me Back, https://bringmeback.herokuapp.com/   Feb 2016
- Worked in a team of 5 to develop a web application in 24 hours that takes an uploaded photo and uses the geolocation details to plot the location of where it was taken on Google Maps

Technologies: JavaScript, Ruby on Rails, HTML, CSS

ACADEMIC PROJECTS:

Maze, Sudoku, and Slider Puzzle Solver   Jan – Apr 2016
- Wrote a C++ application that takes a maze and outputs the steps to the solution (if one exists)
- Coded depth-, breath-, and best-first searching algorithms using stacks, queues, and priority queues
- Implemented linked list, AVL tree, and hash tables with linear or double hashing data structures for the Dictionary ADT that stores maze states
- Wrote unit tests to ensure the various implementation were working correctly

Technologies: C++, GDB, UNIX

Mind the Gap Android Application   Sep – Dec 2015
- Wrote an Android application that extracts and plots location of stops, tube lines
- Used a JSON parser to retrieve real-time arrival information at the stations
- Displayed user's location and the nearest station is also highlighted
- Used JUnit to test the model and parsing components of the application

Technologies: Java, JUnit

VOLUNTEER EXPERIENCE:

British Columbia Cancer Agency   Jun 2014 – Present
- Currently the Comfort Cart volunteer who walk around the Centre with a cart, offering affordable and convenient purchases of tea, coffee, and snacks for patients and families
- Duties also include preparing and re-stocking the cart before the shift, and cash/balancing the till

South Granville Park Lodge Senior Home   May 2014 – Present
- Work together with the Recreation Department to organize, prepare, and host events for the residents
- Take wheelchair-bound residents out for fresh air and offer one-on-one visits

Volunteer Undergraduate Teaching Assistant, Department of Physics   Jan – Apr 2013
- Worked together with Dr. Louis Deslauriers to design an assessment test for first-year level Physics classes
- Helped carry out these tests during lectures

WORK EXPERIENCE:

Office Assistant, Dr. Wilson Kwong Inc. (Dental Practice)   Jul 2011 – Present
- Undertaking a project to digitize the patient filing system
- Organize and scan patients charts

Office Assistant, Dr. John St. Germain Inc. (Dental Practice)   Jan 2010 – Aug 2013
- Shutting down restorative operatories
- Instrument and equipment clean-up and stocking supplies
- Filing of patient charts

EDUCATION:

Bachelor of Computer Science (3rd Year)   Sep 2015 – Present
University of British Columbia, Vancouver, B.C.

Bachelor of Science, Biochemistry Major   Sep 2011 – Apr 2015
University of British Columbia, Vancouver, B.C.

INTERESTS:
Ice hockey
Golf
Building computers
Programming and video games

REFERENCES:
Available upon request