Warren Chan

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major in computer science, fourth year
personal github: github.com/devilason123

Technical Projects

Query Engine   Fall 2017
- Designed and implemented software systems that allow users to search for courses and rooms infos with advanced filters
- Built our own database with JSON data parsed locally or from UBC servers and put it into AST data structure.
- Utilized the concept of REST endpoints to access the API to add, delete dataset and perform query.

Software Construction   Spring 2017
- Designed a native android app to plot nearest London subway stops/route locations. Additionally displays train arrival times by parsing JSON data.
- Used Junit for testing.

Data Structures   Fall 2016
- Designed PixelPlayer game, a Java GUI that plays music depending on what the user draw on the grid interface.
- Involved back-end development such as sound production and interfacing with the GUI.

Database Application (For Medical Clinics)   Fall 2016
- Built a database application that the staff and patients can make changes to and look up relevant infos such as medical history, prescription, and appointments.
- Contained twelve SQL queries such as finding a list of all outstanding invoices (three tables joined) and add diagnosis to Patient's Medical Record (two tables joined).

Hackathon Projects

Best Buy Technical Support   Spring 2017
- To allow customers to search for the nearby technicians for help after they place their orders so as to prevent mismeasurement
- Learned CSS, HTML, and Bootstrap to create a web application for this project

Public Transit App   Fall 2016
- Created an android app where users choose how they want to get from point A to point B with different combinations of transits.
- Utilized Android Studio for GUI elements and implemented the map and features with Java and Google API.

Skills

- **Programming:** Java • Javascript • C/C++ • Python • R • MatLab • MySQL • HTML • CSS • Bootstrap • Assembly
- **Framework/Libraries:** • NodeJs • AngularJs • ReactJs • Bootstrap • JUnit
- **Tools/Environment:** MATLAB • Jupyter • IntelliJ • RStudio • Webstorm • PhpStorm • Atom • AndroidStudio

Education

✳ **B.Sc in Computer Science** expected 2019
  University of British Columbia, BC, Canada
✳ **B.Sc in Statistics**   expected 2019
  University of British Columbia, BC, Canada

Awards & Recognitions

✳ UBC The Faculty of Science International Student Scholarship   Fall 2016

✳ Bell Mobility BC Top Performer & Best Service   October 2015 & March 2016

Other Work Experience

✳ **Sales Consultant**   2015-2017
  Bell Mobility

- Opening up new phone plans, providing technical support, and giving customers details of their accounts

- Played the manager role to some extents when the manager authorized me