

JESSIE SHU HAN YANG

Computer Science Major, Third Year

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TECHNICAL SKILLS

Programming Language

Java, DrRacket, C/C++, JavaScript*, html*, CSS*

Software

IntelliJ IDEA, XCode

Miscellaneous

Git, SVN, iMovie

TECHNICAL EXTRACURRICULAR ACTIVITIES

MuzikHack

Vancouver, BC

Hackathon

Apr 2016

- A one-and-half day hackathon to develop a mobile phone application for smart Bluetooth headphone using provided SDK
- Worked in team of 3 to create an Android application which would create a list of songs every time the user moves his or her head along with the rhythm by analyzing the frequency through the built-in accelerometers in headphone

Technologies: Java, git, Microsoft's proprietary Muzik SDK, Android Studio

TECHNICAL PROJECTS

Personal Website - on progress

Vancouver, BC

Personal

June 2016

- Built a website based on a given template
- Reframed the templated website with different contents and transformed it from a cooperate website to a personal website

Technologies: JavaScript, CSS, HTML, Bootstrap

Retail Stock-keeping System

Vancouver, BC

Academic

May – June 2016

- Completed an UNIX-based application that models a simple retail storefront inventory with functions like purchase, restock, price setting ...etc.
- Implemented and tested the application using red-black tree data structure.
- Managed to completed all the implementation and tests individually

Technologies: C++, XCode

Mind The Gap

Vancouver, BC

Academic

Jan – Apr 2016

- Completed an Android application that maps the location of stops and tube lines on the London Underground and retrieves real time arrival information at those stops
- Implemented and tested the application that consumes JSON data, using a mapping API to present information to the user
- Managed to completed all the implementation and tests individually

Technologies: Java, JUnit, XML, Regex

Sudoku

Vancouver, BC

Academic

Sep – Dec 2015

- Implemented the algorithms for Sudoku in DrRacket by designing functions using domain knowledge, generative recursion, built-in abstract list functions and backtracking generative search

Technologies: DrRacket

WORK EXPERIENCE

JAPADOG (Japanese Restaurant)

Part-time Staff Leader

Vancouver, BC

Feb 2013 – Sep 2015

- Assisted in training new staffs on job duties, and sanitation and procedures; ensured food and service meet quality control standards
- Ensured smooth operation of the restaurant during business hour, such as unpacking and storing supplies, preparing and serving food to the customers, maintaining hygiene in both kitchen and dining area
- Communicated efficiently with other staffs and customers in Japanese and Mandarin Chinese

VOLUNTEER EXPERIENCE

CAJLE Annual Conference 2015

Student Volunteer

Vancouver, BC

Aug 2015

- Assisted with coordination of Canadian Association of Japanese Language Education annual conference, including services for participants such as catering, signage, displays, translation, special needs requirements, audio-visual equipment, printing and security

HIS CANADA (Japanese Travel Agency)

Unpaid Internship

Vancouver, BC

Apr – May 2015

- Assisted with investigation of new travel destinations, hotels, and other facilities and attractions
- Assisted with promotion of particular destinations, tour packages and other travel services
- Assisted with finance departments for maintenance of employee's payroll records

Dr. Spine Clinics | Jei-Sheng Clinics | Yang-Kuang Rehabilitation Clinic

Volunteer

Taipei, TAIWAN

Jul – Aug 2011, 2012

- Observed and assisted with both physiotherapy and occupational therapy treatment programs such as thermotherapy, traction, hydrotherapy, electrotherapeutic techniques, and children development facilitating program to rehabilitate patients with various injuries, disabilities and developmental problems to maximize their abilities to independently manage daily activities

EDUCATION

University of British Columbia

Bachelor of Computer Science (Second Degree)

Vancouver, BC

Sep 2015 – Present

- Expected graduated in May 2018

University of British Columbia

Bachelor of Kinesiology

Vancouver, BC

Sep 2010 – May 2015

- Specialized in *Kinesiology and Health Science*
- Exchanged to *Faculty of Letters of Hokkaido University* in Sapporo, Japan for one term

INTERESTS

Travel, outdoor activities, basketball, snowboarding, photography, languages (proficient in Mandarin Chinese and Japanese)