Yang Song

MAJOR IN COMPUTER SCIENCE, YEAR 3

📞 (236) 867-0109 | ✉ yang.song@alumni.ubc.ca | ⌥ github.com/Max980109

Skills

Programming Languages Java, CSS, HTML, C/C++, Assembly
Softwares / Platforms IntelliJ, WebStorm, CodePen, VS Code

Personal Projects

Tribute Page

July 2019

- Built an introduction page in HTML and CSS for the famous Chinese scientist Yuan Longping who saved millions of lives from hunger.
- Applied HTML's heading elements to show the hierarchical relationships of the content.

Survey Form

July 2019

- Built a web page to conduct survey about software developers' technical background.
- Applied various input fields such as radio buttons, check boxes, drop-down selections to collect information.

Product Landing Webpage

August 2019

- Developed a webpage in HTML and CSS to show the information for BMW's upcoming vehicle, M140i, including specs, prices, pages and professional video review from YouTube.
- Constructed responsive and flexible page layout by applying CSS media queries and flex box.
- Included a navigation bar at the top of the page to quickly access to the corresponding sections.
- Used media queries to verify that the webpage can be viewed correctly on various devices.

Personal Portfolio Webpage

Sep 2019-Present

- Developing a webpage in HTML and CSS to highlight my both academic and personal projects linking to my CodePen or Github.
- Applying accessibility features to help users rely on assistive technology such as screen reader or voice recognition software.

Academic Projects

Image Compression

Feb-Apr 2019

- Modified and implemented an application in C++ to compress images based on the "entropy" which is calculated from the hue, lightness, saturation of the given images.
- Tested and revised the code thoroughly to make it free from memory leak and possible bugs.

Library Management Application

Sep-Dec 2018

- Developed an application in Java with Intellij independently to keep track of the status of books in library as well as the information of borrowers.
- Implemented a user-friendly GUI from scratch to help people use the application smoothly.
- Applied Factory Design Pattern to promote loose-coupling by eliminating the need to bind the concrete classes into code.
- Applied Observer Design Pattern to update changes.
- Wrote JSON parsers to retrieve weather and location information from outside API.

Work and Volunteer Experience

Global Education & Technology Co., Ltd.
INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM TEACHER

Kunming, China
Apr-Sep 2017

- Helped students to achieve ideal test scores which can be used to apply universities overseas.
- Consistently received positive teacher evaluations from students.
- Set up lesson materials, bulletin board displays and demonstrations.

Hua Xia Bank
MARKETING SPECIALIST

Kunming, China
Apr-Sep 2018

- Developed campaigns and specific marketing strategies for clients.
- Coordinated and participated in promotional activities and trade shows.
- Consulted with buying personnel to determine projected demand for products and services.

Congress 2019
ACCESSIBILITY SHUTTLE BUS DRIVER

Vancouver, British Columbia
June 2019

- Congress is Canada's largest gathering of scholars for social sciences and humanities.
- Volunteered as an accessibility shuttle bus driver and received positive feedback from volunteer coordinator.

Education/Awards

The University of British Columbia
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Vancouver, BC
Expected grad: Dec 2021

- **Dean's Honour List**— *Winter Session 2017-2018*

UBC Sauder School of Business
MASTER OF MANAGEMENT

Vancouver, BC
June 2019-Present

FreeCodeCamp
RESPONSIVE WEB DESIGN CERTIFICATION

Online
June 2019-Present

Interests/Hobbies

Car Enthusiast
- As a car guy, I have gathered much car knowledge, and I am capable to do most of the car maintenance and some repairs.
- Spent one month with my father last taking a road trip in my province as well as some southeast-Asia countries like Vietnam, Myanmar last summer.

Basketball
- Playing basketball since primary school, and represented my high school to play different tournaments as a small forward.
- Being a huge fan of the NBA for more than ten years, I know a lot of players, both past and present.