Sorren Jao

✉ Email: sjao@sfu.ca
★ Portfolio: https://www.sfu.ca/~sjao/SorrenPortfolio/home.html

Technical skills

Programming

App Development
- Java **(4yrs)**
- XML **(1yr)**
- SQLite Database **(1yr)**

Web Development
- HTML **(4yrs)**
- CSS **(4yrs)**
- JavaScript **(1yr)**

Miscellaneous
- Java **(4yrs)**
- JavaScript **(1yr)**
- C++ **(1yr)**

Graphic Design

Theory
- Typography: Hierarchy, Kerning, Line spacing, etc. **(4yrs)**
- Information Design: Practice of presenting information **(4yrs)**

Design Software
- Adobe Photoshop **(10yrs)**
- Gimp **(8yrs)**
- Adobe Illustrator **(8yrs)**
- Adobe InDesign **(4yrs)**

UX Design/ Writing

Skills
- Copywriting **(4yrs)**
- Branding **(4yrs)**
- Wireframing **(3yrs)**
- Microcopy **(3yrs)**

Prototyping Software
- Adobe Illustrator **(8yrs)**
- Adobe InDesign (**4yrs)**
- Axure RP **(3yrs)**

Communication
- Group brainstorming/ideation **(4yrs)**
- Design process/documentation **(4yrs)**
- Technical Writing **(4yrs)**

Programming experience

Android Development & UI Design: *Elderly Aid*   April 2020

An app designed to supervise elders or loved ones at home. Alerts caretaker if loved one needs help or assistance. School project.

- Written preliminary programs to test app functionalities individually. Bare bones applications were developed prior to developing main application.

- Developed Notes function to store and retrieve written notes using SQLite database. The search queries also incorporate the SQLite database to filter through note's subject. Code for a plant database was implemented for the note database to serve as the basic logic for storing and retrieving.

- Ensured app security by utilizing sharedPreference for password protection. Password is stored in the phone's memory.

- Utilized location permission to access the phone's GPS. This tracks the user's phone and displays their location on Google Maps.

- Implemented code to access Android sensor to parse data from movement detected on the phone. This indicates if the user has fallen, and alerts emergency contact.

- Designed UI for senior users - navigation is made simple. A separate mode is implemented for the caretaker to manage the senior's activity. This caretaker mode has a more complex UI.

Graded 10 out of 10. The instructor had commented: "This is a very practical app, with potential beyond this course".

Data Visualization: *COVID-19*   April 2020

Designed to keep BC Canadians informed about the status of their situation regarding COVID-19 and to provide easily accessible data that they could see and interact. School project.

- Researched existing COVID-19 projections (i.e. CBC, WHO, etc.). Took note to how they represented the data.

- Compiled a dataset of documented cases in BC from Health Infobase Canada to be used in visualization.

- Informs the user about the emergency actions done in BC as of April 13, 2020 and provide possible factors that underlie the trends. One visualization observes the growth of daily cases of BC and observes the emergency events that had occurred.

- If the user hovers over a plot on the graph they will see a tooltip that will detail the number of cases, the date, and any events that had occurred on that plot.

Obtained valuable insight with regards to communicating information (relationships, patterns, and comparisons) through graphics and interactions.

Website & UX Writing: *City of Vancouver Voting Website*   **Dec. 2017**

A website enabling users to access photos, voting information, and voting registration. School project.

- Researched official site to strategically gather appropriate content for the redesign.
- Collaborated with two other designers to brainstorm and sketch a layout for the site, incorporating the curated content from the original site.
- Created wireframes and prototypes using Axure to gather more feedback and test usability.
- Coded the site using HTML, CSS, and JavaScript.

CityStudio Vancouver staffs had commented that they wanted to follow up.

💼 Employment

Cashier & Lot Associate: *The Home Depot Canada*   **July 2019 – Present**

As Cashier, responsibilities include handling transactions, and selling Pro Xtra Membership to customers. As Lot Associate, responsibilities include assisting customers in loading products to their vehicle, opening & closing the store, acting spotter for forklift operators.

- Recognized by managers for excellent customer service and exemplifying The Home Depot core values. Rewarded a Bronze Homer Award.
- Stopped a shoplifter and recovered $1934.24 as cashier.
- Practiced excellent customer service by being patient and friendly.
- Most recent performance review rating: Exceeds Expectations.

Research Assistant: *Simon Fraser University (SFU)*   **July – Sept. 2018**

Researched SFU Alumni careers. This information was shared with students who are interested in the same profession. Other duties include updating and monitoring the SFU career site called One Major Endless Possibilities (OMEP) and assisting with technical support.

- Collaborated in team discussions and shared strategies for navigating in OMEP.
- Involved with independent detailed orientated research.
- Supervisor recommends any projects/work involving research and analysis.

🎓 Education

School of Interactive Arts & Technology (SIAT), Interactive Systems, Bachelor of Science (BSc): *Simon Fraser University (SFU)*   **2016 - Present**

A unique program that focuses on the science of human experience, the analysis of media and culture, the creation of original and experimental works of art, and the implementation of new technologies.

🏆 Achievements

District – Tech Education monetary scholarship   **June 10, 2016**
- Outstanding achievement in Information Technology program. Top Student.

Principal's Honor Roll Certificate – an outstanding achievement   **June 10, 2016**
- Letter grade "A" average throughout the entire 5 years in high school.