



# yang zhang

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www.yangzhang.ca

## profile

I am a full-stack designer with strong interests and skills in UI/UX design and web development. My competencies and design thinking skills have been developed through my school work, professional work and volunteer work. I strive to grow and learn as a person and as a designer.

## technical skills

### design

Illustrator  
Xd  
Invision  
Photoshop  
InDesign  
SketchUp  
SolidWorks

### development

HTML5  
CSS3  
JavaScript  
jQuery  
D3.js  
MySQL  
PHP  
Git  
Java  
Arduino  
Processing

## project experience

### visual analytics

academic project  
(team)

### ICBC - Costs and Collisions Data Visualization

Spring 2018

#### Background:

- A data visualization project is designed to help explain the composition of ICBC claims costs in terms of collision frequency and types in Lower Mainland. The final visualization could be used as a reference for future decision making for government officials and ICBC staff members.

#### Contribution:

- Conducted research; gathered and analyzed data; uncovered issues with financial implications for ICBC.
- Designed and created all interactive visualizations using JavaScript and D3.js library

### F&H Recipes

Fall 2017

### mobile development

academic project  
(individual)

#### Background:

- An intelligent mobile application that lists out quick and healthy food recipes based on user's input (cooking time). The app allows the user to add new recipes with photo and save to the local database and search external (online) recipes.

#### Implementation:

- Developed the application using Java in Android Studio.
- Utilized MySQL for storing and retrieving data from database.
- Created the user interface with XML.

### Novii

Summer 2017

### ui/ux design

self-initiated project  
(in progress)

#### Background:

- A mobile platform with physical hardware for exercisers to find suitable personal trainers, train with flexible schedule and in remote locations; for certified trainers to work remotely, get more clients and better compensation.

#### Contribution:

- Conducted and analyzed user research on both exercisers and trainers.
- Designed the brand logo and mobile user interface.
- Sketched wireframes and constructed 30+ of interactive high-fidelity mockups.



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## work experience

### design and marketing

**Design / Marketing Intern**  
HackHub

July 2017 - Present

**Role:**

- Design and create visual materials (e.g. posters) related to marketing and sales.
- Design high fidelity website mockup and create website content for the company's sub-brand.
- Assist with organizing hackathon events, workshops, and tech meetups.
- Manage social media accounts, assign tasks to contractors for content creation.

### healthcare

**Dental Assistant**  
Okamura Dental

May 2016 - Nov 2017

**Role:**

- Processed digital X-rays that help the dentist to diagnose patient's oral condition.
- Assisted dentist in dental procedures by transferring instruments, preparing dental materials, and ensuring patient's comfort.
- Explained the treatment to patients before the procedure and educate them after with post-care instructions.

## education

**Interactive Arts and Technology (B.Sc)**  
Simon Fraser University

Sept 2015 - Present

**Dental Assisting Level II with Orthodontic Module**  
Red River College

Aug 2011 - June 2012

## volunteer experience

**Visual Designer**  
TEAM PHANTOM - SFU Formula SAE Electric

Fall 2017

**Social Media Coordinator**  
Canada China Open Innovation Forum 2017

Spring 2017

**Exhibition Volunteer**  
C2U EXPO 2017

Spring 2017

**Welcome Leader**  
SFU Burnaby & Surrey Welcome Day 2016

Fall 2016

## achievements

**Member of Golden Key International Honour Society**

As a student in the top 15% of the Interactive Arts and Technology program

**Seattle Design Charette Fall 2016**

Part of the winning team of a spatial / architectural design contest held in Seattle