# Sylvia Wu

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## **Education**

## University of Washington, 2020 (expected)

B.S. in Informatics - HCI

#### **Course Work:**

Design Foundations Human Centered Design Design Thinking Visual Information Design Mobile Application Design

Computer Programming
Client-Side Web Development
Data Structures and Algorithms
Database Management Systems

Information Systems Analysis Project Management Research Method Statistical Concepts

#### **Up-coming Course Work:**

Mobile Development



#### Tool Kit

#### **Design Skills:**

Photoshop, Illustrator, After Effect, Marvel, Sketch, Tableau, Figma

#### **Technical Skills:**

Java, Javascript, CSS, HTML, R, SQL, SPSS, Wordpress

#### **Communication Skills:**

Worked with supervisors, colleagues and children in volunteer program. Worked with peers and professors on various projects



## **Projects & Experience**

#### Sept-

## Now 💛

2018

## Design Language & App Design

New Design Language & System App Kit – Mobile Application Design

- **Designing** a new design language and define a new way of interaction
- Designing a system app kit including all basic applications

#### Mar

## Web Design

Arcode - Client-side Web Development

- Designed the interface and user experience of the website
- Adjusted and changed the design during the process of developing

#### Jan - Mar

## **Infographic Design**

**Everything About Hamburger – Visual Information Design** 

- Analized layout / typography / language and color model
- Communicated visual information under limitaion of the models
- · Created illustrations using Illustrator

#### Jan - Mar

## Web Development

3 independent projects - Client-Side Web Development

- · Designed the layout and UI of the websites
- · Created different interfaces for different screen sizes
- Used HTML / CSS / Javascript to build responsive websites

#### Sep - Dec

#### **Database Access Design**

Database Management - Relational Database Management Systems

- Designed a database access using java and sql from bottom-up
- Implemented a physical database using Microsoft SQL

#### Sep - Dec

## Data Analysis, API and R

A superhero gender report – Technical Foundation of Informatics

- Designed the interface for user to easily understand and interact
- Analyzed data from Marvel's API and generated reports
- Created a shiny app using R

#### Mar - Jun

## **Kids' University Tutor**

Service Learning - University YMCA

- Supervised ~20 children in an after school program
- Guided the children to deal with different situations, physical or mental
- Instructed older children with their school work
- Maintained a close and trust relationship with all the children and participating their activities when needed
- · Collaborated with my supervisor and other staffs

#### Mar - Jun

#### 2017

## **App Design**

**DAWG Bites** – Intellectual Foundation of Informatics

- · A healthy eating app targeting UW student
- Designed the UI, created the wireframe and prototype
- Conducted user research and user personas
- Made user experience test and improvements
- · Collaborated with 4-person student group