

Erxun Zhang

437-477-5436

mr.erxun.zhang@outlook.com

Statue: Permanent Residence

Unit 604, 4101 Sheppard Ave E, Scarborough, Ontario, Canada, M1S 3H3

WORK EXPERIENCE

Webpage of Showing Mark and Information of Searched Location on Google Map

Date: 2022.5 – 2022.6

- Front End: Vue3, Google Map API,
 1. A google map that will move to current location of user by function of browser or IP Address.
 2. A search box that will show nearest location that matches the text input.
 3. Selecting a location will add it to the table and a mark to the google map.
 4. For the last location, the map will also show current time and the time zone.
 5. When deleting a location selected, it will also change the last location selected.

Information of Companies in Stock Market

Statue: Completed

Date: 2021.11 – 2022.5

Company: Poros Consulting Internship

- Back End: Based on Python and Django, function is to handle request from user and do CRUD
- Database: MySQL, stores the basic information of companies and market value of 1 year
- Front End: Angular
 1. Table to show basic information like country located in or category of business of all companies.
 2. Pie charts to show the number of companies by countries or categories.
 3. K-line chart to show the market value of 1 year about a certain company. The chart can be zoomed or change the start and end date to see the detail.

Course Application System for Middle School based on Website

Statue: Completed

Date: 2022.4 – 2022.6

- Back End: Django, use to handle request from user and do CRUD to the database.
- Database: MySQL
 1. Students and courses they applied.
 2. Courses information.
 3. Comments from teachers on students like if they arrived on time and performance.
- Front End: jQuery, Bootstrap
 1. Course application page for students which can see current information of a course
 2. For managers, they can upload an Excel file to import courses information of this term.

3. Teachers can record if a student arrived, absent or late for today's course, and leave comments about their performance and decide if the comments are available to their parents.
4. A summary page that users can see comments of all students in a course for this term.

Data Visualization System of University Rank Based on Website and Web Crawler Statue: Completed

Date: 2021.11 – 2022.4

Company: Poros Consulting

- Back End: Django, use to handle request from user and do CRUD to the database.
- Database: MySQL, stores the information of universities.
- Front End: jQuery, Bootstrap, echarts
 1. Use web crawler to fetch information of universities on website and insert into database.
 2. Table and pie charts to show information of all universities or number of each category.
 3. Linear chart to show the change of rank of a certain university.

Backend Engineering for Android Application to Sell Second-Hand Book for Students in University

Date: 2020.1 – 2020.4

Course Project

- Database: MySQL, stores the information of books and messages sent by students
- Front End: Android App,
 1. Users can upload information like book's name or image.
 2. Other users can see the summaries of all books uploaded on the main page.
 3. Clicking a certain book on the main page will redirect to a page contains all information of that book.
 4. On the book's information page, buyers can send messages to the seller.

EDUCATION

University of Saskatchewan

Sept 2017 – June 2020

Degree: Bachelor of Science Four-Year - major in Computer Science **with Distinction**

Major: Computer Science

Courses: Intro AI/ Machine Learning, Computer Graphics Animation, Graphical User Interfaces

Skill: Backend: C/C++, Java, Python, Golang, Objective-C/Swift, SQL, Django

Frontend: HTML/CSS, JavaScript, jQuery, Bootstrap, Angular, Vue3

Machine Learning: Library for Python: NumPy, matplotlib, Pandas, scikit-learn