2950 Richmond Rd, Victoria, BC V8R4V1 • 778-922-2508 • maggiew820@gmail.com • https://github.com/yajunwan

Yajun Wan

Objective

Passionate fourth year Computer Science student from University of Victoria. Seeking for a position to assist in teamwork under high pressure with solid fundamental programming skills.

Education

University of Victoria, Victoria, BC, Canada   2017-Present

    Bachelor of Science in Computer Science Major

Technical Skills

Languages: Python, Java, C, SQL, AVR assembly language, JavaScript, HTML, CSS

Operating System: Windows, Linux

Applications: Jupyter Notebook, NetBeans, PyCharm, Visual Studio Code, Github, MATLAB

Framework: Vue.js

Technical Project Experience

Predicting Model for Tennis Match – SENG 474 – Data Mining   Oct-Dec 2019

Lead Programmer
- Built a Predicting Model for tennis match, in a team of 3, which utilizes feature selecting algorithms and Logistic Regression model to enhance accuracy
- Organized data by invoking functions from Pandas to extract useful data from .csv files
- Used functions from NumPy library to normalize data and generated graphs by functions from MatPlotLib
- Trained desired data and fed it into predicting model by invoking functions from Scikit-learn library

Shortest Path Finder – CSC 226 – Data Structure and Algorithm   Nov 2018

Developer
- Produced a shortest path finder in Java by implementing Dijkstra's algorithm which maintained code's efficiency
- Utilized Priority Queue and Linked List data structure to organize and store data which enhanced the flexibility of accessing information
- Used Object-Oriented class based coding to manage attributes of variables.

Text formatter – SENG 265 – Software Develop Methods   Oct 2018

Developer
- Created a simple text formatter in C which read format requirements through input file
- Manipulated characters and created array to store and output data
- Improved debugging skills and addressing error messages according to inaccurate results

Personal Project Experience

Simple Calculator   Oct 2017

- Produced a math calculator in Java that supported by a Priority Queue and Stack data structure which sorted the mathematical operators and enhanced the efficiency of operations
- Imported Scanner class to allow User Input and output message by functions from System class
- Improved debugging abilities by obtaining assistance from NetBeans IDE and Command Prompt

Reference

Alex Thomo

Professor

Department of Computer Science
University of Victoria
E-mail: thomo@cs.uvic.ca
Phone: +1 (250) 472-5786
Fax: +1 (250) 472-5708

Employment History

Sushi Island, Victoria, BC
May-Dec 2018

Server, Cashier
- Communicated with customers to ensure the experience they received meets their requirements
- Collaborated with fellow servers to satisfy customers' in busy environments
- Consulted with senior managers to get familiar with food serving experience.

Volunteer Work

Orientation Student Leader
Aug 2016

Camosun College, Victoria, BC
- Guided international students in a group of 20 to help them be familiar with the campus environment
- Assisted Camosun faculty and staff with decorations and preparations of events
- Motivated students to attend various activities to improve their social abilities