WENDY ZHAO

2B Mathematics/Business Administration, Statistics

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SKILLS

- Languages: Java, HTML, CSS, JavaScript, SQL, R, Python, C
- Tools/Frameworks: Git/GitHub, Bootstrap, PostgreSQL, Microsoft Excel

PROJECTS

TheSaltySea – Java Game

- Utilized Java to create an ocean-themed remake of the classic game Asteroids
- Implemented classes and data structures using inheritance and polymorphism to avoid code redundancy
- Integrated sound effects and keyboard control for a basic user experience

Javmos_2.0 – Graphing Calculator

- Created a Java program that graphs mathematical functions and displays their derivatives
- Enhanced efficiency and code readability with object-oriented programming concepts
- Constructed an interactive interface using Java Swing and utilized Java AWT for function graphing

Hurricane Evac – Web Application

- Implemented the front-end using Google Maps API for user geographic information
- Created interactive components using HTML, CSS and JavaScript

MyWebsite – Personal Portfolio Website

- Developed a dynamic and responsive website using Bootstrap

EXPERIENCES

Recreation Program Volunteer   Stephen Leacock Community Recreation Centre, Toronto
- Planned and facilitated science experiments ensuring they were age appropriate for preschool children
- Directed the process of experiments and maintained a safe environment for participants
- Educated participants about the experiments and inspired their interests in science

Federal Election Volunteer   Agincourt North, Toronto
- Developed confidence and interpersonal communication skills through door-to-door canvassing and phone banking

EDUCATION

University of Waterloo   2019 – 2024 (anticipated)
Bachelor of Mathematics, Honours Mathematics/Business Administration, Statistics
- Relevant courses: Statistics, Probability, Calculus 3, Management Information Systems, etc.