

Wendy Zhao

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EDUCATION

University of Waterloo
2019 – 2024 (anticipated)
Bachelor of Mathematics,
Math/Business Administration

SKILLS

- Java
- HTML
- CSS
- JavaScript
- R
- SQL/PostgreSQL
- Python

VOLUNTEER EXPERIENCES

Federal Election Volunteer
Toronto, ON

- Developed confidence and interpersonal communication skills through door-to-door canvassing and phone banking

Recreation Program Volunteer
Stephen Leacock CRC,
Toronto, ON

- Planned and facilitated science experiments for preschool children

PROJECTS

TheSaltySea – Java Game

- Java implementation 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 program using Java that graphs mathematical functions with their critical points 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

Pizzeria Website (developed at LEAP McMaster)

- Developed a dynamic and interactive website of strong UI/UX with the use of Bootstrap

Facial Recognition (developed at LEAP McMaster)

- Utilized Python and Raspberry Pi to allow for identification of faces from a connected camera

EXTRACURRICULAR

Learning Enhancement Advancement Program (LEAP Academy) – Computer Science
McMaster University, 2018