Elaine Zhao

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Skills

- Languages: Java, Python, C, HTML, CSS, JavaScript
- Tools: Linux, LaTeX, SQL, Git

Projects

Personal Website In progress

- Built a personal portfolio website using **HTML, CSS and JavaScript**
- Implemented features such as a photo slideshow using Swiper API and a contact form

Wordle+ GitHub Link

- Created a **Java** GUI based on the game *Wordle*
- Analyzed the user's past games to produce **4 different statistics** about the user's performance
- Implemented features in a menu screen including a countdown timer

Hangman

- Created an interactive Hangman game in **C** which chose words from a database and showed a visual for the user's progress within the game

Code Translator

- Created a program in **C** that encodes a string in any code where each letter corresponds with a new element, such as morse code
- Implemented a sequence ADT to store data

Simple Calculator GitHub Link

- Created a **Java** GUI of a basic calculator which evaluates infix expressions with arithmetic operations including exponents and parentheses

Experience

Vice President - Training (Novice) January 2023 - Present

University of Waterloo Debate Society *Waterloo, ON*

- Presented lessons on debate to **50+** novice debaters
- Collaborated with a team of 10+ people to plan and run weekly meetings
- Organized Seagram IV 2023, a tournament with **50+ participants**
- Placed Novice Semi-Finalist at British Parliamentary Championships 2022, Novice Finalist and 10th best speaker at the Central Canadian Championships 2023

Markham Business Leadership Network September 2019 - May 2022

Markham District High School *Markham, ON*

- Collaborated with a team to develop and present 10-page marketing campaigns, won top awards in events with 200+ people
- Awards: JOT Case Competition 2022 National Champion, **DECA Ontario 2021 Top 12 Provincial Finalist, DECA Ontario 2020 Provincial Champion**

Education

University of Waterloo Waterloo, ON

Bachelor of Computer Science *Sept. 2022 – Present*

Relevant Coursework: Designing Functional Programs (CS135), Tools and Techniques for Software Development (CS136L), Elementary Algorithm Design and Data Abstraction (CS136)

GPA: 3.7 (82%)

Awards: President's Scholarship of Distinction (May 2022)