

# Andrew Zhan

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## Technical Skills

**Programming Languages:** Python, C, Java, Scheme, HTML, CSS, XML

**Tools:** Android Studio, Git, AutoCAD, Microsoft Office

## Projects

**Library Catalogue App** | Java, XML, Android Studio

- ❖ Developed an Android application that allows the user to create a custom library catalogue for their books
- ❖ Allows users to create a library of books with a checkout and return feature to keep track of who is borrowing user's books

**Unit Converter App** | Python

- ❖ Built a unit converter app that allows users to convert between various unit categories
- ❖ Created the easy-to-use user interface using the Tkinter library

**Personal Website** | HTML, CSS

- ❖ Built my personal website that introduces myself and links to useful information about myself on various platforms
- ❖ Used HTML and CSS to create and style the website with buttons, headings, and images

**Pong Game** | Python

- ❖ Created my own version of the popular game of "Pong" using Python and the Pygame library

## Experience

**Private Math Tutor**

2018-2019

- ❖ Tutored grade 10 academic and grade 11 university level math
- ❖ On-average, increased students' final grade by 39%

**Extracurricular Math and Programming Tutor**

2018-2019

- ❖ Organized meetings and lessons to teach middle school and high school students contest math and basic programming skills
- ❖ Demonstrated leadership, instructional, teamwork, and organizational skills

## Education

**University of Waterloo**

2019-2024

Bachelor of Computer Science, Co-op

Awarded *Faculty of Mathematics Entrance Scholarship* (\$8000)

Awarded *President's Scholarship of Distinction* (\$2000)

**Wilfrid Laurier University**

2019-2024

Bachelor of Business Administration

## Awards

**Euclid Math Contest**

2019

- ❖ Top 4% in Canada

**OCDSB Student Recognition Award**

2019

- ❖ Awarded to a single student demonstrating outstanding leadership and initiative

## Hobbies

Art, badminton, camping, chess, fitness, hiking, kayaking, long-distance running, skiing