

Mabel Luo

[LinkedIn](#) | [GitHub](#) | [Personal Website](#)

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SKILLS

LANGUAGES: HTML 5, CSS, JavaScript, Java, Python, C, C++, Racket

TECHNOLOGIES: MS Office, Adobe Creative Cloud, AutoCAD, G Suite, Eclipse, Git/GitHub, Visual Studio

- Proficient in OOP, Front-end and Functional Programming, learnt through projects and courses
- Excellent collaborative and problem-solving skills, gained through clubs and work experience

RELEVANT EXPERIENCE

Personal Website

HTML | CSS

- Built a personal website using HTML and CSS to showcase personal interests and projects
- Implemented Flexbox, responsive design and accessibility to improve reader experience and be adaptable across various devices

Replication of Chuckie Egg Video Game

Java

- Developed a dynamic video game with various animated objects, employing GUIs in Java
- Created smooth character movements and collision detection, eliminating special-case collision detection bugs that required logical reworking
- Designed graphical spritesheets to revamp the retro, pixelated art-style of the original game using Paint.NET and other graphic design software

ACTIVITIES

Co-Chair at Post-Secondary Music Council

2017-2020

- Led a group of 30 council members to organize and host 20+ events, including concerts, banquets and fundraisers, improving donations and attendance by 20%
- Managed the social media account and designed promotional materials

Lifeguard at WRDSB

2019-2020

- Administered first-aid in high-stress situations, often multitasking to communicate with fellow lifeguards, gathering information and supporting injured victims

DECA Provincial Champion/Chapter Member

2017-2020

- Provincial champion in AAM Category, winning Top 10 Delegates in Oral and Overall 2020
- Three-year regional champion in AAM Category, winning Top 3 Written, Oral and Overall
- Trained new members to improve presentation skills, increasing chapter awards by 30%

EDUCATION

Computer Science and Business Administration - UWaterloo and Wilfrid Laurier

2020-2025

- Jennifer Nguyen Scholarship for Women in Math

2020

Associate's Diploma in Piano Performance - Royal Conservatory of Music

2015

INTERESTS

- **Music:** Production, *Software*, Acoustics and Performance
- **Design:** Graphic Design, *3D Design* and Printing, Fashion Design and Sewing