

- Experienced in OOP, Agile, Git, Python, Java, C, and C++
- Self-motivated and highly organized demonstrated through 3 years as a freelance artist
- Excellent teamwork skills from various volunteering experiences
- Strong time management; balanced extracurricular activities and work while maintaining high academic achievements
- Willing to learn, self-taught Python, Arduino, and digital art

## EXPERIENCE

### WARG (Waterloo Aerial Robotics Group)

#### Firmware Team Member | September 2022 – Present

- Worked with embedded systems in C and C++ to control a motor using STM32, ADC, and a potentiometer

#### Freelance Graphic Designer | March 2019– Present

- Communicated with customers to create illustrations and designs suited to their websites
- Used Photoshop and ClipStudioPaint to complete over 20 client projects

### Ajisen Ramen

#### Waitress | May 2022– Aug 2022

- Provided excellent customer service by taking orders, preparing them efficiently, and building rapport with clients

### MErai E-Learning

#### Marketing Intern | Jan 2022– July 2022

- Demonstrated strong organizational skills by planning content with Microsoft Excel
- Created content for digital marketing using canvas and Photoshop
- Managed marketing campaigns to promote business

### Sickkids

#### Volunteer | September 2018

- Part of the cheer and victory team for the GetLoud for Sickkids parade event
- Engaged with participants to give them positive encouragement after they completed their run

## PROJECTS

### Automatic Garbage Can

- Built a garbage can that opens automatically when the ultrasonic sensor detects an object
- Utilized Arduino, ultrasonic sensor, servo motor, and cardboard

### Video Game Development

Made a variety of small games to learn and test out new languages

- Plant vs Zombies using python and Pygame
- Pong using C# and Unity
- Tic-tac toe, Spaceshooter using Java and LibGDX

## EDUCATION

### Mechatronics Engineering University of Waterloo

#### Relevant Courses

- MTE 121, digital computation: programming with C++
- MTE 100, mechatronics engineering: learning to use AutoCAD and SolidWorks

## HOBBIES

- Drawing
- Playing the piano
- Petting my cat