

# Amanda Tong

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## WORK EXPERIENCE

### *STEM/Coding Camp Counsellor* — Code Ninjas – JULY 2022 – AUG 2022

- Led Microsoft PowerPoint presentations for campers to introduce STEM-related topics and activities such as Scratch/Minecraft coding, robotics, and Roblox game development
- Planned weekly schedules and tasks with management
- Instructed campers in designing, building, and programming with motors, sensors, and block code

### *Team Member*— Tim Hortons – SEPT 2021 – JULY 2022

- Took orders, handled cash and electronic payments, answered customer inquiries, and resolved customer complaints in-store and at drive-thru
- Collaborated with team members in a fast-paced environment to provide quality food and efficient service

### *Teacher's Assistant* — Studio 51 – SEPT 2019 – MARCH 2020

- Assisted teachers with supervising and teaching students ages 6-12 public-speaking and drama
- Collaborated with employees to set-up and clean up the studio.
- Greeted parents, handled studio inquiries and processed cash payments at the front desk

## PROJECTS

### *Github Personal Website* – IN PROGRESS | Website: amandakt.github.io/

Technologies Used: HTML, CSS

- Knowledge in implementing HTML layout methods like Flexbox to build a creative home page, navigation bar, and subpages
- Ability to design static and dynamic website using a strong understanding of CSS animations and transitions

### *Two Player Ping Pong Game* – NOV 2021

Technologies Used: Java

- Utilizes Java GUI components from the Java Swing library to create the game layout
- Understands how to implement listener events to begin the program or move paddles when keys are pressed
- Knowledgeable in Java animations using Swing Timer to change the background colour, adjust the scoreboard, and move components

## EXTRACURRICULARS

### *Midnight Sun Solar Car Hardware Team Member* — University of Waterloo

OCT 2022 – CURRENT

- Participated in hardware onboardings and watched hardware basics videos to gain proficient knowledge in electrical circuits and an introduction of pcb and board design layouts
- Gained basic knowledge in Altium Designer by joining team video tutorials

## EDUCATION

### University of Waterloo

Electrical Engineering Program  
SEPT 2022 – PRESENT

### St. Augustine Catholic High School

STEM Program  
SEPT 2018 – JUNE 2022

## TECHNICAL SKILLS

- AutoCAD 2022  
Drawing/Drafting
- C++
- HTML/CSS
- Java
- Visual Studio Code
- Github
- Microsoft Office

## GENERAL SKILLS

- Leadership
- Problem-solving
- Teamwork/Coordination
- Communication
- Time-management

## ACHIEVEMENTS

### Honour Roll (2021)

St. Augustine Catholic High School

### Visual Arts Award (2018)

Sir John A. Macdonald Public School

## LANGUAGES

English, Mandarin, Cantonese