

# Thomas Coons

Software Developer

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Github: [github.com/tcoons1413](https://github.com/tcoons1413)

Codewars: [codewars.com/users/tcoons1413](https://www.codewars.com/users/tcoons1413)

## SKILLS

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Experienced software developer student with strong expertise in multiple programming languages, including Python, Java, JavaScript, PHP, HTML/CSS, Bootstrap, Tailwind, and Git. Proficient in applying Object-Oriented Programming (OOP) and Functional design patterns, with a solid understanding of Data Structures and Algorithms. Proven ability to deliver effective solutions for real-world projects.

## EDUCATION

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**Mohawk College | Hamilton ON**

**Computer Systems Technician - Software Support - Diploma**

JANUARY 2024 - PRESENT

### Java Programming

- Developed a variety of Graphical User Interfaces (GUIs) using JavaFX.
- Learned Object-Oriented Programming (OOP) concepts and applied them in interface development.
- Focused on User Experience (UX) design principles in Java applications.

### Python Programming

- Created UIs using Tkinter, applying principles of modularity and reusability.
- Gained proficiency in Python scripting and automation.
- Gained experience with Data Structures and Algorithms (DSA) solving over 100 coding challenges on Codewars.
- Developed a strong understanding of Functional Programming designing modular applications.

### PHP and Server Management

- Built and managed servers using PHP.
- Gained an understanding of HTTP, client-server communication, and server-side scripting.

## **Web Development (HTML, CSS, JavaScript)**

- Constructed static websites using HTML and CSS.
- Applied SEO best practices to improve search engine rankings.
- Manipulated the DOM using JavaScript to create dynamic, interactive websites.
- Built real-world projects, focusing on responsive design and cross-browser compatibility.
- Used CSS Frameworks such as Bootstrap and Tailwind to develop a responsive design.

## **Recording Arts Canada | Toronto ON Sound and Music Recording - Diploma**

JANUARY 2014 - DECEMBER 2014

- Studied sound and music recording and engineering.

## **WORK EXPERIENCE**

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### **Peel District School Board, Mississauga - Facilities Services**

SEPTEMBER 2020 - PRESENT

- Responsible for the safe daily operation of school buildings.
- Work with staff and students daily to ensure a smooth operation of the school.
- Tasks include setting up assemblies and adjusting lighting and heating levels throughout the building.
- Responsible for ensuring a safe and clean work environment.
- Various maintenance tasks throughout the day.

### **Encore Audio Visual, Mississauga - Audio Visual Technician**

2015 - 2019

- Responsible for securely installing and operating audio-visual (AV) and media equipment for corporate events involving the setting up of speakers, microphones, projectors, lighting equipment, sound mixers, lighting mixers, and correct cabling.
- Responsible for the maintenance of all AV equipment.
- Responsible for working closely with clients to rectify any technical issues they may have during events.
- Troubleshooting and running diagnostics on equipment to determine issues to repair them.
- Ability to read and understand blueprints to install AV equipment for events.

## **AWARDS**

Member of the Dean's List at Mohawk College for Semesters 1 and 2.