**Thomas Coons**

Software Developer

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

**SKILLS**

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

## 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

## 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 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.