

Ethan Greene

London, Ontario

📞 519-614-2018

✉ egreene_11@icloud.com

🌐 [ethan-greene](https://www.linkedin.com/in/ethan-greene)

🐙 [ethangreene0](https://github.com/ethangreene0)

Education

University of Western Ontario, London

Sept 2023 – Apr 2027

Honours BSc in Computer Science, focus in Software Engineering

CGPA – 3.4/4

Machine Learning, Object-Oriented Programming, Data Structures and Algorithms, Computer Networks, Operating System, Probability and Statistics, Database Systems, Data Science, Information Retrieval

Relevant Coursework

- Machine Learning
- Data Science
- OOP
- Computer Networks
- Data Structures
- Sorting Algorithms
- Database Systems
- Information Retrieval
- Algorithms
- Probability and Statistics

Experience

McDonald's Canada

Aug 2021 – Feb 2024

Shift Manager

London, ON

- Handle and oversee crew schedules
- Provide encouraging leadership for crew and managers to provide an outstanding guest experience
- Supervise and lead food safety and cleanliness measures to meet McDonald's standards
- Take measures around safety, security, inventory, and profitability
- Cultivate and encourage training, education, and continued learning within the restaurant
- Drive and expect a high level of performance from the team

Start.ca

June 2022 – August 2022

Summer Tech Intern

London, ON

- This summer coop term consisted of 140+ hours of in-person experience, fulfilling the expectations of STA's SHSM (specialist high skills major) communication & technology coop requirement; this experience replaced the 4 month term completed during a semester.
- Aided in operations within the telecommunication company's marketing, advertising, computer hardware/software, networking, customer support, and construction sectors.
- Promoted/set up start's local fundraiser and promotional event -rock the park.

University Students Council

October 2023 – Present

Student Ambassador

London, ON

- I work directly with the USC to support and engage with USC programming. TeamUSC aims to connect the student body with the USC and support year-round programming directly engaging western students with the campus.

W Tech

Sept 2023 – Present

Vice-President Finance, Founder

London, ON

- Manage and create funding opportunities for the club, including the allocation of funds for each individual portfolio
- Created the constitution of the club, budget and many supporting documents for the club and set up for the ratification process

Projects

Image Scaler / Java

April 2024

- Developed a Java program for image compression using Quadrant Trees, implemented tree data structures, and designed algorithms for traversing and manipulating tree nodes.
- Utilized Quadrant Trees to organize images hierarchically, representing pixels as nodes, and implemented methods for containment checks, getters/setters, and tree construction/recursion.
- Created a simple graphical user interface (GUI) for users to change image resolutions and find similar-colored pixels.

Physics Equation/Calculator App/ Java, Java Script and Android Studio

February 2023

- Created an Android application using Java and Android Studio with java script implementations to create an app that can calculate various equations used in physics as well as a calculator component.
- Processed user inputted information in the back-end of the app to return a calculation based on the equation selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

- Designed a sample library system using Python to simulate the common functions of a Library management system
- Menu-driven Python program that manages a simple library system, covering functions, user input, conditionals, and more, emphasizing code modularity and adherence to specific specifications.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio

