

# LIAM J. TRUSS

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## EDUCATION:

### Western University - BSc. Honours Specialization in Computer Science

September 2021 to Expected Graduation in 2025

- 2022-2023 Dean's Honour Roll
- Relevant courses: Computer Networks, Foundations of Computer Science, Operating Systems, Object-Oriented Design and Analysis, Data Structures and Algorithms, Discrete Math

## NOTABLE PROJECTS:

### Western Maps

Western University - April 2023

- Mapping system for selecting buildings around Westerns campus
- User can view/create/delete highlighted points on the map of buildings
- Used a JSON file to keep track of persistent data
- Used Java Swing to build a user friendly GUI

### WorldCup DataBase:

Western University - December 2022

- C program designed to organize data associated with a soccer tournament
- User has the ability to register up to 32 teams along with players for each team
- User has the ability to dynamically edit info about a team and view teams and rosters
- Runs on Linux and is built using a Makefile

### PiSmartHome (in progress):

Western University - December 2023

- A smart home application that will integrate multiple features such as: motion detection from a camera, facial recognition and SMS messages to a user
- Programmed in C++ to run on a 'Raspberry Pi'
- GUI built using Qt

## WORK EXPERIENCE:

### Westrock Packaging: Production Intern

April 2023 to September 2023

- Packaging and producing high levels of cardboard and paper products
- Preparing machine for incoming orders and altering mechanisms as necessary
- Quality assurance for all product being produced
- Factory safety and WHMIS training

### African Lion Safari (Shift Lead Supervisor) April 2022 to September 2022 (Seasonal)

- Supervising approximately 50 employees in a day, ensuring employees are completing responsibilities and working well with one another
- Stepped into a larger role with the absence of two assistant managers
- Ensuring all employees are trained and using kitchen equipment according to health and safety procedures
- Taking daily/ weekly inventory counts along with keeping track of deliveries received
- Checking all opening and closing procedures are followed at each restaurant location
- Closing the restaurant for the night, ensuring all doors are locked and equipment off
- Handing out and keeping track of all cash boxes for the day
- Managing and responding to customer complaints

### **African Lion Safari (Crew Chief)**

**June 2021 to September 2021 (Seasonal)**

- Training new employees to run kitchen equipment, prepare food, open/close procedures for each food station
- Leading other employees working together to make orders in the kitchen

### **African Lion Safari (KoHo Food Service)**

**May 2019 to September 2020 (Seasonal)**

- Preparing food/ taking orders
- Customer service in a busy environment
- Keeping work space clean
- Opening and closing for service
- Cash experience
- Putting away deliveries in a stockroom and organizing the stockroom

## **SKILLS:**

- Proficient programming skills in Python, Java, C++ and C
- Proficient in Microsoft Office and related programs such as Google Drive
- Experience creating and working with UML documentation
- Working with software and programs such as Atlassian, Unity, NetBeans and Git
- Great understanding in programming logic and problem-solving
- Great organizational and time management skills
- Leadership experience
- Excellent communication skills and customer service

## **MAJOR ACCOMPLISHMENTS:**

- Accepted into the LEAP program- Leaders and Exceptional Athletes Program at St. Benedict's
- Upper honour roll throughout secondary school
- District 8 Academic All Star in 2017/2018 and 2018/2019 years
- Obtained City of Hamilton Food Safety and Ontario Smart Serve certificates
- Western Science 2022/2023 Dean's Honour Roll