

Trystan Lee

Class of 2021 at Western University - Hons. Specialization in Integrated Science with Computer Science
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Education

COMPSCI 4483 Game Design	95	During my time in this course I was able to make a vertical slice demo of a rhythm game using the Unity engine. My classmate and I were able to develop a completed demo of a game parodying the Pokemon franchise where I was the level designer.
COMPSCI 3346 AI 1	78	This course was heavily inspired by Berkley's intro to AI course where I studied the DFS, BFS, uniform cost, and A* search algorithms as well as mathematical concepts like heuristics, decision trees, and finite probability.
COMPSCI 3388 Computer Graphics 1	78	I made Python scripts that used mathematical concepts to display shapes in a 3D plane. I also learned how to implement a light source and shading algorithms.
COMPSCI 2214 Discrete Structures for Computing	93	I studied fundamental mathematical concepts like graph theory, basic ciphering, set theory, and applied logic. I have made my own affine cipher script using Python based on the material in this class. I find applied logic to be incredibly resourceful when making conditionals.
SCIENCE 3377 Project Management	83	I lead a small group of 4 other students where we were tasked to design a Rube Goldberg machine. I had to maintain a budget, ensure the group kept to a time frame, and prepare for scenarios where we may have to crash the project.
INTEGSCI 3002 Science in the Community	78	I worked with the city of London and a group of 4 other members where we tackled possible solutions to reduce water wastage within the city. I specifically investigated what other municipalities proposed for their respective cities where I compared and contrasted what may work for London. https://ir.lib.uwo.ca/se-ccel/32/

Work Experience

File Clerk - Community Living London - 2019

I worked a 3-month contract position where I used Microsoft Excel to develop spreadsheets, one of which gave live updates on when a client's file would be out of date. When a client submitted their forms, I would have to scan the document, compress the pdf, and upload it on the online storage system.

Comfortable Languages and IDEs

Java (Eclipse), C/C++ (Visual Studio), Python (PyCharm)

Other Some to Great Experience

MySQL, Unix, ARM, GIT, Excel, Word, Powerpoint