Jad Eletry

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Education

Bachelor of Engineering, Software Engineering (Co-op)

Ontario Tech University

📍 Oshawa, ON / July 2019-Present

- Currently a 3rd year student
- Relevant studies: Design & Analysis of Algorithms, Data Structures, Systems Programming

Skills

Languages		Developer Tools	Operating Systems
• Python	• NodeJS	• Visual Studio	• Windows
• Java	• HTML/CSS	• Git	• Unix/Linux
• C/C++	• JavaScript	• MySQL	
• MATLAB	• SQL	• Eclipse	

Projects

Infinite Tile Game

Python - Kivy

- A mini run-like game that generates an infinite number of randomly sequenced tiles over a plane
- Implemented Kivy framework libraries within python to display a graphical canvas to the user

A* Algorithm Pathfinder Visualizer

Python - Pygame

- Created a search-based algorithm to find the shortest path with respect to the function given by $f(n) = g(n) + h(n)$ that will compare neighbors and hold the lowest cost
- Provided an operable window to display how the shortest path is produced to the user

Game Library App

Python – SQL / Django

- Worked with 4 team members to design and produce a web application database that can store and manage games in a library
- Provided an API to retrieve information corresponding to the user's library using a standard REST architecture

Experience

Landscaping & Interlock

📍 Durham, ON / April 2021 – July 2021

- Operated through extensive hours of physical labor to ensure customer satisfaction
- Conducted regular maintenance to ensure quality effectiveness of the final product
- Worked with 5 team members to reduce additional labor

Kitchen Worker

📍 Pickering, ON / September 2018 – November 2019

- Worked under an extreme pressure environment alongside a collaborative kitchen line
- Adhered to regular procedures while multitasking to improve time management