Jad Eletry

📞 (647)-570-6358   ✉ jeletry@gmail.com   🔗 jadeletry.com   🌐 https://github.com/JadEletry

Education

Bachelor of Engineering, Software Engineering (Co-op)

Ontario Tech University

📍 Oshawa, ON / July 2019-Present

- Third year student
- Relevant coursework: Data Structures, Object-Oriented Design, Systems Programming, Computer Networks, Digital Systems, Database Management and Artificial Intelligence

Projects

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
- Employed Django as a framework for backend development alongside MariaDB/MySQL for application testing

A* Algorithm Visualizer

Python - Pygame

- Created a search-based algorithm to find the shortest path with respect to the heuristic 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
- Designed a second feature allowing users to place two points of interest for retrieving the shortest path

Infinite Tile Game

Python - Kivy

- Produced 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
- Developed a score system to maintain the user's current and best score based on historical runs

Skills

Languages		Developer Tools	Operating Systems	Soft Skills
- Python	- NodeJS	- Visual Studio	- Windows Shell	- Leadership
- Java	- HTML/CSS	- Git	- Unix/Linux	- Teamwork
- C/C++	- JavaScript	- Jupyter		- Time Management
- MATLAB	- SQL	- Eclipse		- Critical Thinking

Experience

Information Security Analyst – Intern

Sun Life Financial

📍 Waterloo, ON / September 2022 – Current

- Operated with team of DevOps engineers to create an automated detection system for threat modeling files
- Constructed several POCs with Checkmarx encompassing application security platforms via Java and Python
- Worked independently to design a program that draws AppSec metrics out SonarQube's dashboard using Java