ANTHONY ROM

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EDUCATION

University of Massachusetts Lowell — Lowell, MA
Candidate for Bachelor of Science in Computer Science — Expected May 2020
Related Courses: Operating Systems, Calculus I-II, Computing I-IV, Discrete Structures I-II, UTeach

Lowell High School — Lowell, MA
High School Diploma — Graduated June 2016

SKILLS

Programming: C/C++
Development Software: Visual Studio
Operating Systems: Linux/Unix, Windows

PROJECTS

Solar System Simulation (SFML/C++)
- Designed a simulation of the solar system using SFML. Implemented with a vector that contained real-life planet measurements. Made use of the image moving function in SFML to create the illusion of moving planets with images (aka gifs).

Sierpinski Fractal (SFML/C++)
- Designed a program that draws Sierpinski's fractal triangle using recursion. Implemented with a class inherited from the Drawable class and makes use of the ConvexShape class to create the shapes.

WORK EXPERIENCE

Middlesex Community College — Lowell, MA
Workshop Instructor — July 2018
- Organized lesson plans to teach high school students basic C++ skills

Lowell High School — Lowell, MA
Tutor — February 2016 - 2018
- Provided assistance to adolescents in math and science subjects
- Prepared students for math SAT

Kumon — Lowell, MA
Early Learner's Tutor — June 2015 - April 2020
- Demonstrated ability to teach young children to read, spell, and do basic math operations
- Adapted to children's behavior and learning habits

HBSS — Lowell, MA
CS Internship — May 2019 - July 2019
- Created a UI/UX to receive user input (ID, PW, Server) to fit specified criteria
- Store Server and User information in SQLITE database

INTERESTS

Game development, teaching, UI/UX development