




Arturo Portelles

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PROJECTS

Graphing Calculator

Desktop Application

- A collaborative project built with the purpose of graphing a wide variety of functions. The application is also able to graph and return an approximated bounded integral.
- Built on Lua and LOVE using Git/GitHub for version control.

Maze Generator and Pathfinding Visualizer

Desktop Application

- The application generates random mazes of variable size using a Backtracking algorithm. It also animates the 'flood filled' path and the solution path using Breadth First Search.
- Built on Python and Pygame using Git/GitHub for version control.

Personal Website

Website

- A personal website built from scratch using HTML/CSS.

EDUCATION

Florida International University

2018 – Present

Bachelor of Arts, Computer Science

- 3.72 GPA
- Dean's List
- Bright Futures Scholarship (Florida Academic Scholar)

COURSEWORK

Data Structures (Spring 2020)

Fundamentals of Computer Systems

Programming 1

Programming 2

Systems Programming (Spring 2020)

SKILLS

Python

Java

Git/GitHub

Lua

HTML

CSS