Lew Price

CTA: Welcome to the Future

I have been interested in computers and programming from a very young age. I started with HTML in 2008. I quickly dove deeper into the world of programming where I began learning Java. At the time, Minecraft Beta was just starting to become popular in the world of gaming and I would practice Java by modding Minecraft Beta. Java taught me the ins and outs of the object-oriented world where I started to branch out into other languages to learn more about algorithms and systems. I am now comfortable writing programs in C, C++, Java, Python, HTML, CSS, and Golang. In addition, I am comfortable working with SQL databases, UML diagraming, and MongoDB.

1. Web Scraper/Discord Bot:

A web scraper and Discord bot that pulls codes to unlock special gear in Borderlands 4 when prompted by a user on Discord.

* Written in Golang

1. To-Do List:

A modifiable To-Do list that allows for organization and scheduling based on priority, date, and category.

* Written in Java

1. Binary Search Tree:

A program that I wrote as a singly linked list then modified into a doubly linked list, and then modified into a binary search tree.

* Written in C++

1. Graph Theory Project:

An exploration of weighted graph theory using “Cities” and “Roads” as nodes and edges. Search functions include Breadth First, Depth First, and Dijkstra’s.

* Written in C++

1. Median of Two Sorted Arrays LeetCode Hard

Given two sorted arrays nums1 and nums2 of size m and n respectively, return the median of the two sorted arrays.

* Written in Golang