Connor Austin

Telephone Number: 813-808-5201 | https://www.linkedin.com/in/connor-austin-code/ | connoraustin.dev@gmail.com | https://github.com/cra18

Skills

Languages: C/C++, C#, Python, JavaScript, TypeScript, Java, Html, CSS
Frameworks & Tools: Node.js, Microsoft SQL Server, Docker, Angular, ReactJs, Azure, AWS, VMware, Entity Framework Core, .NET Framework, Wireshark, GitHub

Education

Florida State University, *Tallahassee, FL*
Bachelor of Science Computer Science, 2023

Experience

- **Rooster Puffs**
  - I helped build the website for this company while I was employed there.
  - Uses Angular and .NET.
  - Wrote stored procedures for .NET API which increased speed by 20%.
  - Developed front-end UI which provided user-friendly usability and ease of access.

Projects

- **Recipe finder API**
  - An Api that is connected to an online recipe database, allowing users to create accounts, add recipes to their saved list, and search based on ingredients.
  - Demonstrates all CRUD operations and Full-Stack Development.
  - Uses .NET Framework, SSMS, and Angular.
- **Maze Solver**
  - Generates a random Maze using Depth First Search algorithm.
  - Can be solved by user's choice of Depth First Search, Breadth First Search, or Dijkstra's algorithm and can be viewed in real time.
  - Built using Python, specifically Pygame module.
- **Sorting Algorithm Visualizer**
  - Bar graphs of variable sizes can be generated and sorted in real time using selected sorting algorithms.
  - Showcases algorithms such as Quick Sort, Merge Sort, Bubble Sort, Insert Sort, and more.
  - Uses SQL database to store pseudocode and time complexities of each algorithm, which can be viewed by the user.
  - Built using tkinter module in Python.
- **Basic Shell**
  - Aims to implement a basic shell program, providing a command-line interface through which users can interact with the operating system.
  - Built using C.
  - Demonstrates concepts such as forking processes and assigning child and parent processes with process IDs (pid).
- **Simplified Encryption**
  - Uses Simplified IDEA algorithm to encrypt user-inputted string.

- Coded using C++.
- Showcases knowledge of bit manipulation.