Blaine Pavlock

Spring Tx, United States, 9362632437, blaine12781@gmail.com

LINKS

GitHub, LinkedIn

EDUCATION

| May 2025 | **Associates of Science, Lone Star College System** | The Woodlands TX |

- Learned about data structures and algorithms
- Objected-Oriented Programming fundamentals
- Participated In Computer Club to program a robot

| May 2027 | **Computer Science B.S., Sam Houston State University** | Huntsville TX |

- Planned transfer to Bachelors of Science in Computer Science
- Expected to transfer August 2025

EMPLOYMENT HISTORY

| Jul 2021 — Jul 2024 | **Apprentice Carpenter, JRP Contractors** | Montgomery TX |

- Led a team of carpenters to develop housing from blueprints
- Implemented solutions to problems that we faced
- Problem solving and communication

SKILLS AND TECHNOLOGIES

Proficient: C/C++, Python, SFML, OpenGL, Panda, Numpy

Experience: HTML/CSS/JS, C#, .NET, SQL, Data Structures and Algorithms

Knowledgeable: React, Typescript,

PROJECTS

Thomas Was Late: C++, SFML, OpenGL   Start: May 2024 - July 2024

- Two-player split-screen strategy game where teamwork and communication are essential
- Used SFML Vectors and FloatRects to create collision and other attributes
- Used OpenGL shaders from the GPU to create a particle affect

Cook Book: C#, .NET framework, SQL   Start: April 2024 - Present

- User-friendly GUI application designed to help users manage their ingredients and create recipes
- Users can input ingredients with details such as calories, cost, and weight
- Data is stored in a database that can be retrieved at a later date

The Everything App: HTML/CSS/JS, API, Node.JS   Start: July 2024 - Present

- Website that features every day needs
- Features a weather section that uses an API to fetch the data
- Features a news section that also uses an API and updates every hour
- stopwatch section that has basic functionality

Stock Market Prediction: Python, Sci-kit learn framework

- a program that uses machine learning to predict what the stock market values will be
- predicts 30 days into the future, reads fairly accurate

HOBBIES

Gaming
Coding
Reading
Learning
Listening to music
Working out