

# Blaine Pavlock

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## LINKS

[GitHub](#), [LinkedIn](#)

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## EDUCATION

May 2025	<b>Associates of Science, Lone Star College System</b> <ul style="list-style-type: none"><li>• Learned about data structures and algorithms</li><li>• Objected-Oriented Programming fundamentals</li></ul>	The Woodlands TX
May 2027	<b>Computer Science B.S., Sam Houston State University</b> <ul style="list-style-type: none"><li>• Planned transfer to Bachelors of Science in Computer Science</li><li>• Expected to transfer August 2025</li></ul>	Huntsville TX

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## EMPLOYMENT HISTORY

Jul 2021 — Jul 2024	<b>Apprentice Carpenter, JRP Contractors</b> <ul style="list-style-type: none"><li>• Led a team of carpenters to develop housing from blueprints</li><li>• Implemented solutions to problems that we faced</li><li>• Problem solving and communication</li></ul>	Montgomery TX
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## 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,

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## PROJECTS

Thomas Was Late: C++, SFML, OpenGL	Start: May 2024 - July 2024
<ul style="list-style-type: none"><li>• Two-player split-screen strategy game where teamwork and communication are essential</li><li>• Used SFML Vectors and FloatRects to create collision and other attributes</li><li>• Used OpenGL shaders from the GPU to create a particle affect</li></ul>	
Cook Book: C#, .NET framework, SQL	Start: April 2024 - Present
<ul style="list-style-type: none"><li>• User-friendly GUI application designed to help users manage their ingredients and create recipes</li><li>• Users can input ingredients with details such as calories, cost, and weight</li><li>• Data is stored in a database that can be retrieved at a later date</li></ul>	
The Everything App: HTML/CSS/JS, API, Node.JS	Start: July 2024 - Present
<ul style="list-style-type: none"><li>• Website that features every day needs</li><li>• Features a weather section that uses an API to fetch the data</li><li>• Features a news section that also uses an API and updates every hour</li><li>• stopwatch section that has basic functionality</li></ul>	
Stock Market Prediction: Python, Sci-kit learn framework	
<ul style="list-style-type: none"><li>• a program that uses machine learning to predict what the stock market values will be</li><li>• predicts 30 days into the future, reads fairly accurate</li></ul>	

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## HOBBIES

Gaming  
Coding  
Reading  
Learning  
Listening to music  
Working out