Marco Lara

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About Me

I am currently a senior at Lamar University, and I am passionate about Software Engineering and Game Development. I believe in lifelong learning and I am constantly seeking out new challenges to broaden my skills and knowledge in the field.

Education

Lamar University, Beaumont, TX   Graduation Date: *December 2024*
Bachelor of Computer Science - Computer Game Development
Relevant Coursework:
- Android/Mobile Programming
- UNIX/C++
- Data Structures
- 3D Modeling and Computer Graphics
- Computer Networks and Cybersecurity

Certifications

eCornell, **Python Programming Certificate**
Houston Community College, **Certificate in Business Management - Entrepreneurship C1**

Skills

- Ability to write and compile programs in C++ and Java
- Accustomed with React, Git, HTML, CSS and Javascript
- Advance Data Structures & Algorithms
- Experience practicing Object Oriented Programming
- Familiar with using Python and Jupyter for data analysis, cleaning and clustering.
- Fundamental understanding of computer hardware and software
- Common operating systems such as Windows and Linux
- Technical troubleshooting

Academic Projects

- Spider Exterminator - is an Android application using Android 14.0. The app is a 2D game similar to Ant Smasher on Google Play store.
- Haunted Forest - is a 3D game coded in C++ using the GX Tool Kit Library. The 3D models in the game were made using Lightwave..
- 2D Ball - This 2D object was created in Eclipse using Java, and allows the user to control the ball.

Side Projects

- Arcade Pong - is a 2 player pong game built using Javascript, html, and css. Here is a link to try it out. Arcade - Pong (arcade-game-pong.netlify.app)
- Online Portfolio - This is a personal website displaying who I am, my studies and the work I have done during my academic years. This website was created using CSS, HTML, and JavaScript. Link to my website - My Portfolio (marco-lara-portfolio.netlify.app)

Related Experience

- Front-End developer for the website of the Lamar University Chess Association - This is a website for the LU Chess club that allows me to get hands-on experience with artificial intelligence, APIs, and databases.

Work Experience

Target Corporation, Houston, TX   July 2023 - Present
Food and Beverage Team Member

- I ensure the product is fresh, in stock, available and accurately priced and signed on the sales floor.
- I lead food services such as replenishment, inventory accuracy, food safety, presentation, pricing and promotional signing processes for all Food & Beverage areas of the store.
- I step into leadership when the Team Leader is away by keeping up with inventory, managing money, and workflow.

Jason's Deli , Port Arthur, TX   April 2022 - December 2022
Food Delivery Driver
- I made sure the food products and trays were adequate and ready before delivery.
- I also would help up front with customer service, and help restock and organize during shipment.
- During shipment I was in charge of unloading, unboxing, and organizing everything according to the expiration date.