

Zyrrel Librodo

Software Developer / zyrrel-librodo.netlify.app / zylibrodo@gmail.com

Education

B.A. Computer Science — University of Nevada, Las Vegas — **GPA 3.5 / 4.0** — Graduation: 2026

Skillset

Front End: HTML, CSS, Javascript,

Back End: Assembly, C++

Other: Github

Relevant Coursework

CS 202 : Computer Science II

-Developed and debugged programs in C++ with a strong emphasis on object-oriented programming, recursion, abstract data types, and pointers

CS 302 : Data Structures

-Applied and analyzed data structures, algorithms and their asymptotic complexities to solve problems w/ set specifications in C++

CS 218 : Introduction to Systems Programming

-Designed, implemented, and evaluated 32-bit assembly programs using the MIPS & RISC architecture and DDD Debugger

Projects

2024 — [Link](#) — Engineered a cryptocurrency website that integrates real-time data from the CoinGecko API. Utilized the Fetch API alongside HTML, CSS, and JavaScript to deliver an interactive and engaging user experience

2024 — [Link](#) — Developed a fully responsive, fictional bakery website using modern HTML and CSS techniques. Leveraged Flexbox, Grid, and Media Queries to create a visually appealing and adaptable user experience across all devices

2024 — [Link](#) — Developed functions in C++ for a command-line spacecraft landing simulator that controls a spacecraft's thrusters in a low-gravity environment. The simulator considers factors such as velocity, altitude, mass, fuel level, and thruster strength and uses priority queues to monitor spacecrafts closest to the landing surface

Work Experience

May 2021- Aug 2023 — TJ Maxx Sales Associate

-Utilized communication skills to engage customers and effectively promote store credit cards

-Managed and organized merchandise on the sales floor, ensuring displays were visually appealing and stocked

-Operated cash registers and processed customer transactions accurately and efficiently