

Zeuz A. Valdez Zavala

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OBJECTIVE

Motivated junior pursuing a Bachelor of Science in Computer Science, with a strong foundation in software development and proficiency in multiple programming languages. Eager to begin a professional career as a software engineer and contribute to impactful projects across diverse fields.

EDUCATION

Texas State University

Bachelor's of Science in Computer Science

Texas, San Marcos

Expected Graduation, Dec 2026

- **Concentrations:** Machine Learning, Back end, Front end
- **Related Coursework:** Data Structures and Algorithms, OOP, HTML/CSS, Advanced C++ programming, Introduction to Python I & II, Assembly language, Git/GitHub

Harvard University.

Certificate in Introduction to Computer Science

Completion, July 2023

- **Concentrations:** Computer Science Fundamentals, Software Development, Web Programming
- **Related Coursework:** C Programming, Algorithms, Data Structures, Python, HTML/CSS, SQL, JavaScript

PROJECTS

TicTacToe Game

April 2024

C++ with Raylib

Implemented a fully interactive TicTacToe game with multiple gameplay modes, including Forget mode(Removes oldest symbol) and Random Mode (removes a random symbol). Added docstrings, edge case handling, and program documentation, while ensuring clean, maintainable logic through object-oriented design and debugging practices.

Shopping Cart Web Application

August, 2025

and Java Script, HTML/CSS

Built a dynamic e-commerce cart system using **HTML, CSS, and JavaScript (ES6 modules)**. Implemented product rendering from a data file, interactive add/remove item functionality, quantity updates, and localStorage persistence for cart state. Designed responsive layouts with media queries for mobile and desktop views, and developed a checkout page that calculates totals and tax in real time.

Authentication Web App

October, 2025

Python, HTML/CSS, SQL, Flask

Built a SQL-backed authentication web application using JavaScript and a relational database to support user registration, login/logout, and protected pages. Designed the user data schema and implemented validation and secure credential storage, connecting the UI to the database through structured queries to create and retrieve accounts while enforcing access restrictions for unauthenticated users.

WORK EXPERIENCE

Lowes

Texas, Hutto

Lumber CSA

Aug 2023-Current Date

- **Tasks:** Data
- **Skills:** Customer Service, Safe working, Great communication, Use of registers, Team work, Seated and Stand up forklift certification.