

# EMILY HANSON

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## ABOUT ME

I love programming (every programming problem is a logic puzzle I get to solve) and I've always had a very broad range of interests, until this last semester in which I took an Enterprise COBOL for Fintech class. This class made me realize I'd love to work on such an innovative and stable platform as IBM's mainframe in any capacity. I volunteer as a historic weapons demonstrator at the Castillo de San Marcos, working hands on with the general public and performing lots of public speaking. Lastly, I was the saxophone section captain in my high school marching band, learning leadership skills in a competitive environment.

## PROFESSIONAL CERTIFICATIONS



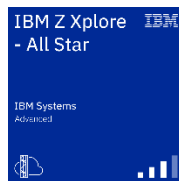
### IBM z/OS Concepts

IBM Z Xplore, Badge Awarded by IBM and Credly.



### IBM z/OS Advanced

IBM Z Xplore, Badge Awarded by IBM and Credly.



### IBM z/OS All Star

IBM Z Xplore, Badge Awarded by IBM and Credly.



### Introduction to IBM z/OS

IBM Z Xplore, Badge Awarded by IBM and Credly.

## EXPERIENCE

### Enterprise COBOL in the z/OS Environment

I wrote COBOL and JCL programs to solve business problems for Finance and Technology. Programs include Mortgage Analysis, Annuity Valuation Analysis, and High-Volume Transaction Processing. I also allocated and managed storage resources using TSO and ISPF.

Developed systems level programs in C in the Linux environment

Developed Assembler for Embedded CPU architecture.

## Indie Game Development in Unreal Engine 5

I have been working on a fan game in Unreal Engine 5, developing it entirely by myself using Blueprint and C++. I currently have movement, interaction and dialogue systems implemented.

## Retro Console Repair, Self run Business via Ebay – 2020-PRESENT

Independent Business Owner purchasing, repairing and reselling computer hardware.

## Deli Employee – Publix Supermarket – 2025-PRESENT

Provided quality customer service in a high demand environment.

## Hostess and Takeaway Employee – Outback Steakhouse – 2020-2024

## Hostess – Metro Diner – 2016-2019

# EDUCATION

Bachelor's Degree in Computer Science – University of North Florida **EXPECTED DECEMBER 2025**

Associate's Degree- St. John's River State College **MAY 2021**

Completed during employment

High School Diploma- Pedro Menendez High School **MAY 2020**

Graduated Magna Cum Laude