

ANDREW JENKS

Computer Science Student

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SUMMARY

Aspiring software engineer and passionate professional pursuing a Bachelor's degree in Computer Information Science with concentration in Computer Science. Motivated individual with a keen interest in software development, equipped with strong interpersonal, analytical, and critical thinking skills. Eager to contribute my passion for coding and problem-solving to a dynamic software engineering role.

EDUCATION

Bachelor of Science in Computer Science

University of Michigan - Dearborn • 2022 - 2025 Expected

Data Structures & Algorithms, Discrete Structures, Computer Organization & Assembly, Linear Algebra, Intro and Advanced C++

General Education

Schoolcraft Community College • 2020 - 2022

High school Diploma

Detroit Catholic Central • 2016 - 2020

SKILLS

- Programming Languages: C/C++, Assembly(MASM), Java, C#, SQL, JavaScript, HTML, CSS
- Operating Systems: Windows, Mac OS

PROJECT HIGHLIGHTS

Stock Market Simulator - C++

- Utilized key data structures, including a node structure for a complete binary tree, and a min heap with priority queues.
- Implemented functionality of insertion, removal, and updating operations in a binary tree. Maintained the min heap structure with 'heapify' functions. Managed to run in logarithmic time.

Golf Driving Range Simulator - Raspberry Pi, C++

- Currently working on golf simulation project to implement realistic golf ball dynamics and collision interactions with the Bullet physics engine and C++ programming.
- Using Raspberry Pi as a microprocessor to interface with sensors, and acquire data.

Factorial, Insertion Sort, Binary Search - Assembly MASM

- Demonstrated proficiency in writing efficient and optimized 32-bit MASM assembly code for x86 architecture.
- Successfully identified and resolved complex issues related to register usage, memory access, and program efficiency.

WORK EXPERIENCE

Total Wine & More

Retail Merchandiser • June 2023 - Present

- *Merchandising and selling products on the floor. Assisting customers with selection of wine and spirits.*
- *Fulfilling customer online orders and wedding orders.*

Jogue Inc.

Customer Service Representative • June 2022 - August 2022

- *Computer input of freight claims and accounts receivable.*
- *Client management pertaining to orders, emailing updates on orders. Provided warehouse inventory and pricing to clients.*

Jenks HR Search

Database Entry & Recruiting • June 2021 - November 2022

- *Support executive search business by helping with the technical side of her HR recruiting business.*
- *Work on database administration and source candidates in the search parameters*

Ace Hardware

Sales Associate • September 2017 - August 2020

- *Managed the fasteners aisle by reviewing stock, ordering stock and adding new stock.*
- *Merchandising and selling products while assisting customers throughout the store.*