

# 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), C#, Blazor, ASP.NET, 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.

### CookNet - C#, ASP.NET, Blazor, SQL

- A comprehensive full-stack project designed to deliver a streamlined recipe application using .NET Development tools like C#, ASP.NET, Blazor, and SQL for the database.
- Offering users a clean and intuitive interface for discovering, organizing, and managing recipes seamlessly across web and mobile platforms.
- With a focus on clean design and concise functionality, users can expect a modern and efficient platform for all their culinary needs.

### 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.*