

# SAMUEL HALSEY

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## Education

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### The Ohio State University GPA: 3.77

*Bachelor of Science in Computer & Information Sciences, Minor in Mathematics*

May 2026

Columbus, Ohio

### Columbus State Community College GPA: 3.91

*Associates of Sciences*

Dec 2023

Columbus, Ohio

## Relevant Coursework

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- CSE 2331 (Data Structures and Algorithms)
- CSE 5473 (Network Security)
- CSE 2431 (Operating Systems)
- CSE 3341 (Principles of Programming Languages)
- CSE 3461 (Computer Networking)
- CSE 4471 (Information Security)

## Experience

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### United States Marine Corps Officer Candidate School

May 2025 – June 2025 May 2026 – June 2026

*Officer Candidate*

Quantico, Virginia

- Attended twice and each time I completed 3 weeks of training focused on leadership and physical endurance before leaving due to medical issues
- Led teams of 4 candidates in high stress and timely operations
- Demonstrated accountability for platoon performance, logistics, and morale

### The Ohio State University Catering

Feb 2023 – Apr 2026

*Student Manager*

Columbus, Ohio

- Oversaw a student team to prepare a variety of food items for important events in a timely manner
- Trained team on chemical safety, PPE use, allergen awareness, and food safety standards
- Enforced sanitation protocols, ensuring compliance with health and safety regulations through routine equipment maintenance, cleaning, and delimiting procedures

### Young Entrepreneurs of America

May 2023 – Aug 2023

*Production Manager*

Columbus, Ohio

- Led a student-run business that produced \$120,000 in sales, surpassing 99% of competing teams
- Facilitated 4 seminars on equitable workplace practices and trained 5 employees in inclusive language usage
- Supervised and coordinated painting crews, ensuring 100% of projects were finished before the deadline by optimizing workflows.
- Directed 5 team-building events, improving team cohesion and increasing employee satisfaction to 100%.

## Projects

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### Video Creation Site | *HTML, JavaScript, AWS S3 & Cloud front*

Aug 2024

- Engineered a static website hosted on Amazon S3, with infrastructure built to support hundreds of users uploading and viewing videos, handling up to 1024 daily requests.
- Applied AWS Cloud front for content delivery, reducing load time by 40% and optimizing user experience.

### Linked-List Video Game Application | *C, Visual Studio Code*

Mar 2024

- Implemented 5 core linked list functions (insert, iterate, any, sort, delete) using null pointers and dynamic memory allocation to ensure high cohesion and low coupling
- Designed and implemented a sorting algorithm for the linked list that swaps data without altering node structures.
- Created functionality with manual control of game characters via keyboard input, integrating function pointers and real-time input handling

### SMS Sender | *Python, BeautifulSoup, PyCharm*

May 2022

- Produced a Python application automating the sending of 100+ daily SMS messages using email-to-text functionality.
- Web-scraped Wordle solutions and automated daily message sending, achieving 95% success rate.

## Technical Skills

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**Certifications** AWS Certified Cloud Practitioner **Languages:** Java, JavaScript, C, C#, HTML/CSS, Python, SQL

**Developer Tools:** Eclipse, Amazon Web Services, Azure

**Technologies/Frameworks:** Git, Google Cloud Platform, VS Code, PyCharm, Eclipse, Unity, Atom