

Cole Watson

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Summary

Detail-oriented and proficient problem solver currently pursuing a Computer Science degree with a minor in Computer and Network Security. Maintaining a solid GPA, I bring a strong academic foundation to my work. As a Student Worker in the Information Technology Services (ITS) office, I have gained valuable industry experience. Throughout my schooling, I have used many Microsoft Office products and have grown to be proficient with them. I am eager to use my skills and knowledge to contribute to challenging projects and work toward solutions in computer science or any related fields.

Experience

Music Archivist, University of Mount Union

December 2024 – Present

Alliance, OH

- Works with the Music Department of Mount Union to record all music related activities
- Edits the content to be easily consumed
- Archives the recordings into a format for the students, faculty, and staff involved in the music department to view

ITS Student Worker (Level 2), Tiffin University

July 2022 – August 2024

Tiffin, OH

- **Provided technical support** to a campus of approximately **1,500 students and faculty**, ensuring timely resolution of IT issues and enhancing user experience.
- **Coordinated IT projects** in collaboration with ITS managers, contributing to the planning, execution, and successful delivery of initiatives.
- Analyzed and resolved technical issues, applying troubleshooting skills to minimize downtime and ensure seamless operations.
- Developed and maintained comprehensive documentation, guides, and best practices, improving internal processes and knowledge sharing within the ITS department.
- Assisted in the **setup, cable management, maintenance, and repair of IT equipment** across campus, enhancing hardware reliability and functionality.
- **Installed, configured, and updated software applications** on university-owned devices, ensuring systems remained current and secure.
- **Managed IT inventory**, tracking and maintaining equipment and supplies to ensure availability and prevent shortages.
- **Supervised and trained Level 1 employees** on IT projects, fostering skill development and improving team productivity.
- Trained fellow students on computer imaging protocols, equipping them with essential technical skills for effective IT operations (FOG, MDT)

Skills & Certifications

- **Certiport IT Specialist - Python**
- **Certiport IT Specialist - HTML & CSS**
- **Certiport IT Specialist - Databases**
- Verbal and Written Communication
- Detail Oriented
- Microsoft Deployment Toolkit (MDT)
- NinjaOne
- Computer Imaging

Awards & Activities

- National Honor Society
- University Bands
- ACM
- Hacking Club

Projects

A* Search Algorithm Visualization –

- Built a program that implemented the pyamaze library to generate a maze, implemented A* to search through the maze and visualize the optimal path.

AI Ethics Presentation –

- Delivered a 15+ minute presentation on bias in AI, covering ethical concerns and mitigation strategies
- Analyzed real-world case studies on algorithmic bias and its societal impact.

National Cyber League Competition –

- Earned Gold in the NCL Spring 2024 Individual Game (52nd Percentile Overall)
- Participated in **OSINT**, **Cryptography**, and **Password Cracking** games during the Spring 2024 Individual Game

Education

Bachelor of Science

Computer Science and Computer and Network Security minor

University of Mount Union,

Alliance, OH

August 2024 – Present

Bachelor of Science (transferred out)

Computer Science with Software Development concentration and Cybersecurity Minor

Tiffin University,

Tiffin, OH

August 2022 – August 2024

GPA: 3.8

Dean's List: Fall 2022, Spring 2023 & Fall 2023