

Ava Buchberger

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Education

The University of Wisconsin-Madison, Madison, WI

Bachelor of Science in Information Science

Sept. 2023 – May 2026

- GPA: 3.655
- Developed a foundation in data analysis through coursework focused on data organization and interpretation
- Applied analytical thinking to real-world datasets in information science courses, using programming and visualization tools to extract insights
- Studied how data is collected, structured, and used to support decision-making in technical and social contexts

Skills

- Python
 - Used to write basic scripts that manipulate datasets for course projects
 - Applied loops, conditionals, and functions to solve structured programming challenges
 - Explored real-world logic by building small models in LIS 440 and personal exercises
- Java
 - Developed object-oriented solutions for assignments in CS300 (Programming II)
 - Implemented core programming concepts such as loops, conditionals, and method structures in weekly labs to solve problems
- R (Programming language)
 - Applied RStudio tools to analyze datasets and generate visualizations
 - Used common R packages (such as dplyr and ggplot2) to clean, transform, and summarize data
 - Currently enrolled in LIS 677, which includes creating an infographic and poster displaying key insights into a chosen topic
- SQL
 - Practiced writing basic queries to retrieve, filter, and sort data from structured datasets
 - Explored SELECT, WHERE, JOIN, and GROUP BY functions in academic exercises focused on relational databases
- Tableau
 - Created basic dashboards to visualize trends and patterns in datasets, including for a project using CDC COVID-19 data
 - Used filters and interactive elements to explore and present data insights for course assignments
- HTML/JavaScript/CSS
 - Built simple static web pages with structured layouts and responsive design
 - Used basic JavaScript to add interactivity such as form handling and dynamic content updates
 - Applied CSS styling to improve usability and visual clarity

Customer Service & Workplace Efficiency

The Wisconsin Union, Madison, WI

Cashier

Aug 2024 – Present

- Delivered attentive service while managing high-volume transactions, contributing to streamlined checkout experiences
- Handled diverse payment types with speed and accuracy
- Replenished merchandise to enhance visual layout and product accessibility
- Addressed customer concerns with professionalism, leading to consistent positive feedback

EJ Dairy, Mosinee, WI

Cheese Cleaner and Packager

May 2024 – Aug 2024

- Executed precise cheese cuts using industry tools, supporting consistent quality for commercial packaging
- Maintained hygiene standards in a production setting, passing all inspections without incident
- Collaborated with team members to meet aggressive shipment deadlines

Wal-Mart, Wausau, WI

Online Grocery Shopper

June 2021 – July 2023

- Prioritized and fulfilled grocery orders under time constraints, contributing to improved delivery rates
- Problem-solved inventory challenges to help customers locate alternatives
- Ensured cold-chain integrity for perishables, minimizing spoilage risk across multiple shifts

Volunteering

New Life Pet Adoption Center, Marathon, WI

Volunteer Assistant

March 2021 – June 2023

- Provided daily care for adoptable dogs, including feeding, watering, and walking
- Socialized dogs through enrichment and play activities, helping improve adoption potential
- Maintained a clean and safe kennel environment, identifying and reporting health concerns
- Trained new volunteers in proper animal care procedures, ensuring consistency and confidence across the team