

MARVEL ZHANG

439 East Campus Mall(APT 300), Madison, WI, 53703

☎ 815-499-4570

✉ marvelzhang35@gmail.com

🌐 [linkedin.com/in/marvel-zhang-228a7a227](https://www.linkedin.com/in/marvel-zhang-228a7a227)

Education

University of Wisconsin - Madison

Sep. 2021 – Aug. 2025

Bachelor of Science in Information Science with certificate in Data Science

Madison, WI

Relevant Coursework

- Big Data Systems
- Artificial Intelligence
- Human-Computer Interaction
- Applied Database
- Info Architecture
- Code and Power
- Data Storytelling

Experience

Babcock Dairy Store

May 2023 – Present

Student Helper

Madison, WI

- Manage daily operations including sales, inventory restocking, and store maintenance.
- Process transactions and handle customer service responsibilities.
- Maintain store presentation and cleanliness standards.
- Execute order requests and inventory management tasks.

Wahl Clipper Corporation

June 2022 – August 2022

Data Analytics and Repair Intern

Sterling, IL

- Performed data analysis using Python and Microsoft Excel to identify product performance patterns from various websites.
- Maintained a 93% accurate Python-based monitoring system to automate daily checks of authorized product color offerings across e-commerce platforms.
- Developed statistical models to analyze market trends and product effectiveness.
- Participated in team meetings to present data-driven marketing recommendations.
- Gained hands-on experience in clipper repair and consumer product maintenance.

Dixon Park District

June 2021 – August 2021

Tennis Instructor

Dixon, IL

- Created and implemented daily training schedules for multiple student groups.
- Coordinated with other instructors to optimize program delivery.
- Developed leadership skills through student management and program organization.
- Provided individualized instruction to improve student performance.

Projects

Multi-Source Loan Data Analysis | Python, SQL, Google Cloud Platform, Pandas

December 2024

- Developed an end-to-end data analysis pipeline integrating geographic data, financial (HDMA) records, and real-time loan applications using Google Cloud services.
- Performed geospatial analysis using BigQuery ML to identify loan distribution patterns across Wisconsin counties and built a linear regression model to analyze income-loan relationships.
- Created automated ETL processes to transform and merge data from multiple sources (Parquet files, Google Sheets, public datasets) into a unified analytical framework for financial insights.

PriceCompare | HTML, CSS, JavaScript, Python

April 2025

- Developed a responsive web application that allows users to compare product prices across multiple e-commerce platforms including Amazon and eBay.
- Implemented a Python web scraper using BeautifulSoup to extract real-time product data.
- Created an intuitive user interface with HTML, CSS, and JavaScript for seamless searching and browsing functionality.
- Designed and integrated a Flask API to connect front-end requests with backend web scraping.

Technical Skills

Languages: Python, Java, R, BASH, SQL, HTML, CSS, JavaScript, Docker, Spark SQL, Cassandra Query Language, Kafka, NumPy

Developer Tools: VS Code, Eclipse, IntelliJ IDEA, Tableau, RStudio, Terminal, Microsoft Excel, ArcGIS Online