

Matthew Yu

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EDUCATION

University of Wisconsin-Madison

Madison, WI

Bachelor of Science

May 2026

Majors: Computer Sciences and Data Science

GPA: 3.68/4.0

Honors: Dean's List, 2-time honoree (achieved a GPA average of 3.75 or higher each semester)

Relevant Coursework: Machine Organization and Programming, Introduction to Artificial Intelligence, Object-Oriented Programming, Calculus, Linear Algebra, Introduction to Algorithms, Discrete Mathematics

PROFESSIONAL EXPERIENCE

Green Leaf Restaurant

Cockeysville, Maryland

Cashier

2018-2022

- Efficiently managed and organized takeout orders, ensuring a timely preparation for customers picking up orders
- Effectively processed customer purchases, ensuring the accurate and structured operation of the point-of-sale system
- Provided friendly and courteous service to customers, addressing inquiries, and resolving issues to ensure satisfaction

Green Leaf Restaurant

Cockeysville, Maryland

Host

2018-2022

- Expertly managed front-of-house operations by warmly welcoming and seating guests in a friendly and timely manner
- Exhibited a keen attention to detail in managing reservations, accurately tracking availability of tables to customers
- Maintained a courteous and professional demeanor with customers, ensuring a positive and welcoming atmosphere

Memorial Library Shelving and Storage Department

Madison, Wisconsin

Circulation/Collections Assistant

May 2024 – November 2024

- Assisted in a special summer project at Steenbock Library, focusing on optimizing space and enhancing organization
- Managed book returns and holds for other UW-Madison libraries, ensuring efficient processing and accurate tracking
- Organized and shelved books by call number with meticulous attention to detail, maintaining order and accessibility

LEADERSHIP AND INVOLVEMENT

WSUM 91.7FM

Madison, Wisconsin

Radio Show Host

May 2024 - Present

- Hosts a weekly radio show curating a diverse mix of music to provide unique, alternative programming for listeners
- Engage with the UW-Madison community through clubs and live events, building a dedicated listener base
- WSUM is an award-winning UW-Madison student-run university radio station, averaging over 5,000 monthly listeners

PROJECTS

PyTorch Implementation Project | CS540 Course Project | Spring 2024

- Utilized and configured PyTorch framework for efficient workflow in developing machine learning model
- Built and trained a deep-neural network model for image classification and prediction using Fashion-MNIST dataset
- Evaluated model performance and made predictions on test data, achieving over 85% accuracy on dataset

MiniPlaces Scene Recognition Model | CS540 Course Project | Spring 2024

- Implemented the LeNet-5 architecture using PyTorch framework for scene recognition on the MiniPlaces dataset
- Designed a convolutional neural network comprising two convolution layers followed by max pooling layers and MLP
- Trained model under various configurations, adjusting batch-size, learning rate, and epochs to optimize performance

SKILLS AND INTERESTS

Languages: Java, JavaScript, C, Python, Bash

Frameworks and Libraries: PyTorch, TensorFlow

Tools: Git, Linux

Interests: DJing, Music Production, Reading, Running, Fishing, Cooking, Fashion, Movies