

Zixuan(Marco) Wang

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EDUCATION

University of Wisconsin Madison

December 2026

GPA: 4.0

Intended Major: Computer Science and Data Science

Relevant Coursework: Programming III, Discrete Mathematics, Intro to Computer Engineering, Linear Algebra

WORK EXPERIENCE

OPT Machine Vision Technology

July 2024 - August 2024

Computer Vision Intern

- Applied computer vision model YOLOv5 on industrial data for manufacturing automation
- Labeled and trained models specializing in image classification for purposes including manufacturing alignment, quality inspection, defect detection, and parts classification.

RESEARCH

NLP ChatGPT Action Identification

February 2025 - Present

- Used Spacy's API to identify different actions ChatGPT recommended for dealing with abusive partners
- classified and clustered similar action instances

PERSONAL PROJECTS

Musicalfy

May 2021 – August 2021

Creator

- Built web application using Python and HTML to analyze and visualize a user's Spotify trends via the Spotify API.
- Accepted by Spotify for quota extension

Flappy Bird NFT Game

February 2022 – June 2022

Creator

- Built flappy bird inspired web application with web3 wallet sign-in functionality and online global leaderboard

Emotion Classification

November 2020 – March 2021

Creator

- Used deep learning CNNs to identify and classify facial emotions in pictures with Python.

LEADERSHIP EXPERIENCE

President of Saratoga Cryptocurrency Club

Saratoga High School

President

October 2021 – May 2024

- Founded a club with over 50 members that focused on teaching the basics of cryptocurrencies to my peers.
- Collaborated with other clubs to increase membership and engagement by more than 30%

AP Computer Science Teacher's Assistant

Saratoga High School

Teacher's Assistant

August 2023 – May 2024

- Taught class during teacher's leave of absence
- Gave 15+ hours of lecture, and 20+ hours of afterschool tutoring
- Aided students with concept comprehension and debugging
- Worked with substitute teachers to develop lesson plans and projects

SKILLS

Technical Skills: Python(experienced), C++(experienced), Java(experienced), React(experienced), Git(proficient), SQL(proficient), HTML/CSS(proficient), R(basic), Solidity(basic)

Languages: English(native), Chinese(native)