

# Zixuan(Marco) Wang

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## EDUCATION

University of Wisconsin Madison.

May 2026

Intended Major: Computer Science and Data Science

Relevant Coursework: Programming II, Linear Algebra

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## WORK EXPERIENCE

OPT Machine Vision Technology

July 2024-August 2024

Software 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.

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## PERSONAL PROJECTS

Musicalfy([marcow125.pythonanywhere.com](https://marcow125.pythonanywhere.com))

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([flappy-bird-nft.vercel.app/](https://flappy-bird-nft.vercel.app/))

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 to detect and classify emotions in pictures with Python.
- >85% classification accuracy

Seeking Alpha Contributor

October 2022 – January 2023

Author

- Published multiple stock investment research articles.
- >56% one year ROI

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## 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

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## SKILLS

**Technical Skills:** Python(experienced), C++(proficient), Java(proficient), SQL(competent), JavaScript(competent), HTML/CSS(competent), R(basic), Solidity(basic)

**Languages:** English(native), Chinese(native)

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## HOBBIES

**Violin:** 11 years experience, 7 years of school orchestra(2023 Midwest Clinic qualifier), 2nd place International Open Music Competition