Zixuan(Marco) Wang

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EDUCATION

University of Wisconsin Madison **May 2027**
GPA: 4.0
Intended Major: Computer Science and Data Science
Relevant Coursework: Programming III, Discrete Mathematics, Intro to Computer Engineering

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.

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.

Seeking Alpha Contributor October 2022 – January 2023
Author
- Published multiple stock investment research articles.
- >56% one year ROI

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++(proficient), Java(proficient), JavaScript(proficient), React(proficient), SQL(competent), HTML/CSS(competent), R(basic), Solidity(basic)
Languages: English(native), Chinese(native)