Kwae Htoo

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EDUCATION

UC San Diego | Cognitive Science w/ Specialization in Machine Learning   2022 - Present

ACTIVITIES:

CS For Each   2023 - 2025
Designer/Editor/Developer
- Member of TritonHacks which aims to plan a hackathon for high school students
- Learn/use HTML/CSS/Figma to design and create a website for TritonHacks event
- Regularly meet, communicate, and collaborate with a team ensuring deadlines are met

AI Student Collective   2024
Developer
- Develop beginner-level machine learning projects involving computer vision
- Created a computer vision ML project that classifies trash using YOLO model
- Created a host website to implement and showcase project using Streamlit

Association for Computing Machinery (ACM)   2023 - 2025
Developer
- Learning HTML/CSS at HackSchool
- Built a guided web project with team members

Video Game Development Club   2023
Developer
- Attend weekly meetings to learn about game design
- Engage in workshops to develop professional career skills
- Brainstorm and create a starter game project involving Unity

PROJECTS:

Exploratory Data Analysis on Steam Games   2025
- Collaborated on an exploratory data analysis (EDA) project using **Python** to examine factors influencing Steam game ratings, analyzing over 10,000 game entries
- Visualized key insights from the dataset using tools such as **matplotlib** and **seaborn**
- Utilize Support Vector Machine and Random Forest Classifier models

Waste Object Classification Using Computer Vision
- Built a real-time object detection system using the YOLO model to classify waste materials such as bottles, wrappers, cans, etc.
- Integrated the trained model using Streamlit for deployment

TECHNICAL SKILLS:

Languages: Java, Python, HTML/CSS, C++
Frameworks: JUnit
Developer Tools: Git, VS Code, PyCharm, Jupyter Notebook
Interests: Machine Learning, Web Development, Cybersecurity, Software Engineering