JAYDEN LIM

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SUMMARY

High school student with experience in web development and machine learning. Seeking internships and research opportunities in the AI field.

EDUCATION

Graduating June 2025

Monta Vista High School, Cupertino, CA   4.0 GPA UW
Relevant coursework: AP Computer Science, Jetson AI Specialist

TECHNICAL SKILLS

Full Stack Web Developement: HTML5, CSS3, Javascript, Python, Django
Machine Learning: Python, Tensorflow, Keras, Numpy, Pandas, Matplotlib
Programming: Python, Java, Javascript
Certifications: Jetson AI Specialist – August 2022

ACADEMIC PROJECTS

Personal Website   June 2023
Created a dynamic portfolio website to practice full-stack web development that is connected with a server.
- Tools: HTML, CSS, Javascript, Python, Django, Heroku
- Skills: Full-Stack Web Developement, DevOps

Lunch Line Cutter Detector   June 2023
Trained a YOLO computer vision model to detect people in my school's lunch line and wrote a Python script to track who cut the line.
- Tools: Python, OpenCV, Yolov8 Model
- Skills: Data Collection, Data Preparation, Model Selection, Model Training, Model Testing

Fruit Classifier using a Jetson Nano   August 2022
Created a working computer vision program (Resnet-18) that classifies over a hundred different fruits which runs on the Jetson Nano.
- Tools: Python, OpenCV, Jetson Nano
- Skills: Data Collection, Data Preparation, Model Selection, Model Training, Model Testing

ACTIVITIES

Research (3 hrs/week)
Researching the use of machine learning in drug discovery and chemical development.

Robotics Club (6 hrs/week)
Helped in the mechanical division by creating and assembling our teams robot that made it to the finals in the First Robotics Competition.

Python Tutor (2 hrs/week)
Volunteered to tutor students in Python through the non-profit organization Creative Minds.