

Wiley Mallgren

Data Science Student · University of California, Davis

wileymallgren@icloud.com · linkedin.com/in/wiley-mallgren · github.com/wileymallgren · wileymallgren.com

EDUCATION

University of California, Davis

Davis, CA

B.S. Data Science · Sophomore standing (75.75 units via AP and dual-enrollment credit)

Expected Jun 2030

Current: Statistical Data Science I (STA 35A), Calculus (MAT 21C)

AP credit: Calculus BC (5), Statistics (5), CS Principles (5), CS A (4), Physics 1 (5), Chemistry (5)

Maria Carrillo High School · with dual enrollment at Santa Rosa Junior College

Aug 2022 – Jun 2026

Honors: AP Scholar with Distinction, North Coast Section President's List, California Seal of Biliteracy

SKILLS

Programming Python (pandas, NumPy), R, SQL

Data & Statistics Statistical analysis and inference, survey analysis, data reporting

ML & Computer Vision YOLO object detection, Hailo AI accelerator, Raspberry Pi

Languages English (native), Spanish (professional working proficiency)

Certifications American Red Cross Lifeguard, CPR / AED

PROJECTS

Real-Time AI Object Detection · Maria Carrillo AI & ML Club

Python, YOLO, Hailo, Raspberry Pi

- Deployed a YOLO model on a Raspberry Pi with a Hailo AI accelerator for real-time inference
- Detected people and objects in a live camera feed, drawing bounding boxes with confidence scores
- Demoed the system live at a community expo, explaining to visitors how computer vision models work

EXPERIENCE

Sonoma Hacks

Jun 2025 – Jun 2026

Director of Data & Analytics / Project Manager

- Tracked and analyzed registration data (sign-ups, attendance, demographics) for global high school hackathons
- Built reports on event metrics for the organizing team and sponsors
- Analyzed participant and mentor survey feedback to improve future events
- Tracked the budget and prizes for thousands of dollars in sponsor funds
- Secured mentor workshops from professionals at a range of tech companies

Maria Carrillo AI & Machine Learning Club

Aug 2024 – Jun 2026

Vice President (Since Founding)

- Led discussions on the math behind AI/ML and its applications, risks, and costs in society
- Helped run the club since informal meetings began in Aug 2023, a year before it was officially founded

City of Santa Rosa, Howarth Park

Jun 2025 – Present

Lifeguard

- Uphold water safety as part of a team, enforce lake rules, and assist customers with boat rentals
- Mentor volunteers