

AADISH VERMA

RÉSUMÉ (FALL 2025)

MAIL@AADISHV.DEV

EXTENDED BACKGROUND

EDUCATION

Stanford Online High School *2024-present*

Relevant courses, 8th grade (2024-2025)

- Precalculus with Trigonometry

- Honors Chemistry

Relevant courses, 9th grade (2025-2026)

- Multivariate Calculus (Stanford Math 51 equivalent)

- AP Biology

PROGRAMMING

JV Copilot *2025-present*

As a founding developer at JV Copilot, I'm working on our product, providing a tool for companies to manage joint venture marketing that scales to hundreds of partners while maintaining simplicity. Primarily full-stack TypeScript.

Robotics *2023-2025*

315P: Led programming on VEX V5 Robotics Competition team 315P; received 3x tournament finalist, 1x tournament champion, 1x excellence award.

3151A AI: Led AI programming on VEX AI Robotics Competition team 3151A. In less than two months, implemented a custom CV stack to train a YOLOv5n model and run it on a NVIDIA Jetson Nano, as well as various debugging and observability tools. Wrote a custom GPU-accelerated Monte Carlo localization pipeline in Rust, C++, and Python to run on an NVIDIA Jetson Orin Nano with an RPLiDAR A1.

Community: As part of my work in the general robotics space, I contributed several PRs to a variety of open-source projects. Also wrote several blog posts about my experience and various advanced topics in robotics (available on my website), which have helped dozens of teams globally.

Hackathons *2024-2025*

Led 1st-place teams for the 2024 and 2025 OHS Labor Day Hackathons. Developed a tech issue diagnosis software [demo] and AI-powered fact checker to verify social media posts [demo]. Won the Advanced Python Society 2025 hackathon as a solo team with an AI assistant for accessing lectures [web store].