

# AADISH VERMA

RÉSUMÉ (FALL 2025)

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[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 \[web store\]](#).