

JAHAN PARDHANANI

Kidflash2jahaan@gmail.com · (714) 728-2243 · North Tustin, CA

TECHNICAL BUILDER | ENGINEERING LEADER | MUSICIAN & PRODUCER | ENTREPRENEUR

High school freshman at Sage Hill School with 9+ years of hands-on software development and a track record of leading technical teams under pressure. Currently serving as Software Lead for Sage Hill's FIRST Robotics Competition (FRC) team, leading a team of 6 through two 2026 District competitions. Recognized for Outstanding Achievement at the 71st Annual Orange County Science and Engineering Fair for Mind in Motion, an assistive technology project. Classically trained pianist, guitarist, vocalist, and music producer who leads bands, arranges songs, and has performed 30+ live shows. A builder who takes ownership of whole systems — from robot code to signal chains — and speaks up when something needs to change.

TECHNICAL LEADERSHIP & ENGINEERING

- **FRC Software Lead:** Sage Hill School FRC Team — led a team of 6 in architecting the full software stack for the competition robot: autonomous routines, motor control, sensor fusion, and endgame logic. Diagnosed and fixed a mid-match sensor integration failure at the LA District event. Competed at the 2026 CA District Los Angeles Event (March 2026) and Mission Viejo Event (April 2026)
- **Science & Engineering Fair:** Participation and Outstanding Achievement at the 71st Annual OCSEF (March 2026) for “Mind in Motion” — designed and built a motorized wheelchair system with remote control and dead-man safety switch. Advocated for the kill-switch architecture during the Scientific Review Committee process (team project)
- **AI & Machine Learning:** Completed TensorFlow for Deep Learning Bootcamp (63 hrs, Feb 2026) and Machine Learning A–Z: AI, Python & R (43 hrs, May 2025)
- **Full-Stack Development:** Completed The Complete 2024 Web Development Bootcamp (61.5 hrs, Oct 2024); Certified Web App Developer Levels 1 & 2 (GiveMeFive.AI, 2020–2021); Certified Python Programmer Levels 1 & 2 (2020); 9+ years continuous development
- **Technical Stack:** Python, Java, JavaScript, React, Node.js, Spring Boot, HTML, CSS, Docker, Bootstrap, Arduino, Raspberry Pi
- **Cybersecurity & Vision:** Completed Ethical Hacking From Scratch (Udemy, 16 hrs, 2022) and Computer Vision: Face Recognition in Python (Udemy, 2021)
- **Early Builder:** Built fireballtechnologies.com at age 8; publicly featured by GiveMeFive.AI (Sep 2020); created and published coding tutorial videos on YouTube covering Python, Scratch, HTML/CSS/JS, and Roblox Studio

LEADERSHIP & IMPACT

- **Student Government:** Continuous Student Council member from 5th through 8th grade; led sound tech initiatives; campaigned for Vice President in 8th grade with a platform centered on student voice
- **Youth Education:** Teaching Assistant and Instructor with Kids Teach Tech — taught coding fundamentals to younger students, taking ownership of curriculum delivery (2020)
- **News Production:** Lead Producer at Oakridge Private School — authored, edited, and produced monthly school highlight news videos
- **Music Leadership:** Formed and leads The Young Timers band; arranges songs, teaches bandmates their parts, and directs live sets across 30+ performances. Rearranged Sun Raha Hai Na Tu as a cross-cultural duet, writing all parts and coaching every performer
- **Congressional Recognition:** U.S. House of Representatives Certificate of Congressional Recognition from Rep. Young Kim for music advocacy at Make Music Day Orange (June 2024)
- **Community Performance:** Music volunteer at Sunrise Senior Living, Independence Day cultural events, Diwali celebrations, and community festivals

MUSIC, COMPOSITION & PRODUCTION

- **Piano — Certificate of Merit (MTAC):** Level 9 with State Honors, 97% theory score (2025); preparing for Advanced Level. Performed Chopin's Nocturne in G minor, Op. 15 No. 3 at Julie Carmona Studios Winter Recital (January 2026). Outstanding Achievement Award from teacher Julie Carmona Rodriguez (2019, 2022, 2023, 2024, 2025)

- **Vocal Ensemble:** Member of Sage Hill Vocal Ensemble and The Six Cs select vocal group; performed in “Choir by Candlelight” (Dec 2025) and “Becoming” (March 2026, Kazu Fukuda Black Box Theater)
- **Guitar, Vocals & Live Performance:** Lead Guitarist and Vocalist; 30+ live shows at Tustin Tiller Days, Orange Street Festival, St. Norbert Festival, Rock & Brews, Stone Stock, Make Music Day, and community events. [Performance playlist](#)
- **Composition & Production:** Composed first piece “Tirefall” at age 7 on GarageBand (2018); 4 compositions and productions in Logic Pro; latest EDM work: “Archaic Symphony.” Produces using Xfer Serum, STL Emissary, and custom Aux channel strip routing with bus mixing and automation

ACADEMICS

- **School:** Sage Hill School, Newport Coast, CA — Freshman (Class of 2029)
- **Honor Roll:** Consistent Honor Roll from 1st grade to present, including High Academic Honor Roll in 8th grade
- **President’s Award:** President’s Award for Outstanding Academic Excellence — 5th, 6th, and 7th grade; White House congratulatory letter (8th grade, 2025)
- **Awards:** Principal’s Award; Student of the Quarter (twice); Teacher’s Choice Award; Academic Excellence medals; Computer Achievement Certificates
- **Spelling Bee:** Three-time school champion; Orange County Spelling Bee representative (2022–2024); Scripps champion (6th grade)

ATHLETICS

- **Tennis:** 5+ years; Spring 2025 USTA Junior Team Tennis Championship (OC 14U Novice); Sage Hill School tennis team
- **Volleyball:** East Anaheim League — 3 years
- **Dance:** Hip-hop at Pacific Dance Academy and South Coast Performing Arts — 5 years

VISION

- Found a technology company — building toward this through deep technical expertise in AI, robotics, and intelligent systems
- Pursue CS or engineering at a top university
- Lead teams that build things that matter — across technology, music, and community

References and certificates available upon request · Live performance portfolio:
<https://www.youtube.com/watch?v=N9CLOqs-Rz4&list=PLWOHimwior8yidwUI-l8q5GOvWJt9IBZt>