SAARTH RANKA

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EDUCATION

Monta Vista High School · Cupertino, CA — Class of 2030

Grade 9 · Accelerated placement in Algebra 2/Trigonometry and Spanish 2 · Coursework in Java and Biology

EXPERIENCE

DeepAware AI (Y Combinator S25) · Robotics Intern · San Francisco — Jun – Aug 2026

- Built motor control and Meta Quest teleoperation for the OpenArm robot arms; shipped it with a motor-kill hotkey.
- Replaced a failing vendor stack with waypoint navigation for a Unitree Go2-W; ran the client demo solo.
- Merged split repos into one reviewed robot repo; demoed the arm to ~200 people at a conference.

Frizzle (Y Combinator S25) · Software Intern · Remote — May – Aug 2026

- Built WarmStack, cold-email infrastructure for ~1,000 emails a day, and ported it into the product.
- Launched a live campaign for a public school district client, reaching about 600 of 1,091 contacts in 48 hours.

PROJECTS

Atticus (Open-Source Mac Voice Assistant) · Swift · Python · Claude Code — 2026 – Present

- Voice assistant for the Mac: hold a key, say what you want, and it opens apps, arranges windows or plays music.
- 800+ GitHub stars, 95 forks, 150+ daily users and 2 outside contributors; v2.0 shipped Nov 2026.

Open-Source Contributions · mastra-ai/mastra · TypeScript — 2026

- 7 pull requests merged into Mastra (29,000+ stars): fixed an MCP session leak and a Cloudflare Workers failure.

Juber (Community Project) · Founder & Lead Developer · Next.js · Supabase · Vercel — 2026

- Carpool app for the Jain Center of Northern California; hired six people plus two board advisors.

Algorithmic Mean-Reversion Trading System · Python · Interactive Brokers · TradingView — 2025 – Present

- Built a GBPJPY/EURUSD system (IBKR via ib_insync, TradingView webhooks) with an 8-phase backtest on 1-minute data; passed the Topstep evaluation (June 2026) and earned a funded account.

Ascenta · Firebase · Vercel — 2025

- Built a gated gaming platform with Firebase sign-in and access codes; sold access to 20+ paying students.

Physics Study Site · HTML · CSS · JS · Vercel — 2026

- Study site for a college physics course (waves, Doppler effect); classmates used it to prep for exams.

Schoology Tools (sgy, Pace) · Python · React — 2026

- Command-line Schoology client built after the district declined students an API key, plus a grades dashboard.

Internship Outreach CRM · React · TypeScript · Node.js · Gmail API — 2026

- Outreach pipeline seeded with ~400 companies; drafts, sends and syncs replies through the Gmail API.

FIRST LEGO League — Team ShortCircuit #58828 · LEGO SPIKE Prime — 2020 – 2026

- Robot design and programming. Won the local competition; 2nd at the regional championship.

MUSIC & PERFORMANCE

Tabla Performer · Tabla Niketan, Cupertino · under Shri Satishji Tare — 2016 – Present

- **Silver Award — City of Cupertino Emerging Artist Award 2024.** One of three winners, at age 12.
- **2nd Place — Chaitradhun 2025,** Maharashtra Mandal Bay Area's annual music competition (25th year).
- Also: People's Choice, YJA Convention Talent Show 2026; Most Promising Young Artist, Jain Got Talent 2021.
- Madhyama Poorna candidate (Nov–Dec 2026); accompanist at JCNC and community events.

SKILLS

Languages: Python, JavaScript, TypeScript, Java, SQL

Tools: React, Node, Next.js, Supabase, Firebase, Vercel, Git, Interactive Brokers, CAN bus, Raspberry Pi, Isaac Sim

Approach: AI-assisted (Claude Code, Codex, Cursor); I own the architecture and debugging