# Tanay Agrawal

#### **EDUCATION**

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#### THE HARKER SCHOOL | RISING JUNIOR, CLASS OF 2027

- GPA: 4.0/4.0 (unweighted), 4.54 (weighted)
- SAT: 1570/1600, PSAT: 1520/1520
- Relevant Coursework: AP Computer Science A (with Data Structures), AP World History,
   AP Spanish Language & Culture, Honors Precalculus, Advanced Programming
- Clubs / Activities:
  - **HarkerDev** Selective club dedicated to making Harker student and faculty life easier through software development. Current projects include Parking and Swap&Share.
  - Language and Linguistics Club (LALC) Club at my school that educates on language and linguistic topics, prepares for and competes in national / international linguistic competitions such as NACLO and IOL.
  - **Tennis** Playing tennis on the school team, as well at an academy and in competitions and tournaments outside of school. Season league champion (grades 7, 8, 9).
  - o Programming Club New initiative to bring Bay2BayHacks to local schools in my area
  - **DECA** Participant in Harker DECA Chapter, which prepares students to be emerging leaders in business and entrepreneurship, competing in state and national level.
  - Spanish Honor Society Club promotes Spanish / Hispanic language and culture

## **EXPERIENCE**

## Science Internship Program | Summer 2025

University of California, Santa Cruz

- The Science Internship Program (SIP) offers high school students the opportunity to conduct research projects under UCSC researchers.
- My project was called Ellipsis Investigations in Altaic Languages, in which I conducted research under Yağmur Kiper, a PhD student at UCSC studying semantics and morphology.

## Co-Founder, Bay2BayHacks | 2025 - present

Bay2BayHacks, Link Here

- Launched the Bay2BayHacks 2025 Al hackathon, fostered partnerships, and built website & promo materials, transforming it into a leading virtual platform for innovators globally.
- Raised prizes worth \$50K+ with sponsorships (Jane Street, LangChain, etc.), attracted 560
  participants, and recruited talented industry professionals (Tesla, Microsoft, etc.) as judges

#### Linguistic Researcher | 2025 - present

The Language of Resistance, Project Temp Link Here

- Conducting an independent research project analyzing how semantic, rhetorical, and phonological features contribute to the effectiveness of protest slogans across cultures.
- Applies framework from Speech Act Theory, Critical Discourse Analysis, and rhetorical studies to compare multilingual slogans' persuasive and mobilizing impact using a custombuilt corpus and audio analysis.

#### **SLIYS Participant | Summer 2025**

Ohio State University

- Accepted to SLIYS, a two-week online summer program for high school students organized by the Department of Linguistics at The Ohio State University.
- Participated in SLIYS 1 and 2 (more advanced). Learned about topics such as Cognitive Psycholinguistics, Computational Linguistics, Speech Perception, and Bilingual Phenomena.
- Conducted field work and elicitation on Albanian and Georgian.

#### CS Intern and Researcher | Summer 2024

Chauwk, Project Link Here

• Interned at a tech startup where I developed a platform, using NLP, RAG, and linguistc techniques, that connects uneducated blue-collar workers in 3<sup>rd</sup> world countries to job info. Through machine translation, it offers accessible audio and native language support to all.

## Founder of SportsAI | 2023 - present

SportsAl, Website Here

- Self-started a company that offers an Al-powered personalized sports coach that analyzes users' video input and provides real-time feedback and insights on their game.
- Since 8th grade, I have developed code, made pitches & business plans, and completed all other associated activities such as market research and creating the website.

# Volunteer | 2023 - present

PRAGNYA, Organization website Here

- PRAGNYA is an organization that works with & assists neurodivergent children aged 6-20.
  - Allies for Change Committee: Subset of allies chosen by PRAGNYA founders.
     Responsibilities include: present PRAGNYA initiative to law and government officials, organize and publicize public events under PRAGNYA.
  - Lead Developer: Self-initiated full-stack app project to facilitate the organization's operations and logistics. Learnt all of the necessary programming principles for the app.

#### **HONORS**

# AP Scholar, National Recognition Program | 2025

CollegeBoard awards for academic excellence.

#### National Youth Advocacy Corps | 2025

Among 20 selected for this research program at the National Center for Civil and Human Rights.

#### The President's Volunteer Service Gold Award | 2024, 2025

Completed 100+ volunteer hours each year of high school.

# DECA 3<sup>rd</sup> place winner, top 10 finalist at states | 2024

Silicon Valley Career Development Conference (SVCDC). State Career Development Conference (SCDC).

## PRAGNYA's NeuroAlly Leader of The Year | 2023

Awarded at the PRAGNYA Thanksgiving Gala.