

Samyak Jain

Bellarmino College Preparatory, Class of 2027 • Los Gatos, CA

Left-handed Épée • USA Fencing A25 Rating

sam.j.272009@gmail.com • Video Folder: [FencingConnect](#)

FENCING PROFILE

Left-handed épée fencer with 8 years of competitive experience. Consistently ranked in the Top 20 U.S. Cadet fencers during the 2025–26 season, peaking at #11 nationally. Selected to represent Team USA at all three Cadet World Cups in the 2025–26 season: Klagenfurt, Budapest, and Kraków.

Club: Academy of Fencing Masters

Weapon: Épée

Hand: Left

Rating: A25

NATIONAL & INTERNATIONAL HIGHLIGHTS

Team USA Cadet World Cup Representative — 2025–26 Season

- Selected for all three Cadet World Cups: Klagenfurt, Budapest, Kraków.
- Selection required a Top 20 U.S. Cadet ranking before each World Cup.

Cadet World Cup — Kraków

- Represented Team USA; U.S. team finished 5th.

Summer Nationals 2025

- 12th — Cadet Men's Épée
- 29th — Junior Men's Épée

November 2025 North American Cup

- Gold — Cadet Team Épée
- Fenced all rounds on a three-fencer team.

Junior Olympics 2026

- 9th — Cadet Men's Épée
- 53rd — Junior Men's Épée

March 2024 NAC

- 9th — Cadet Men's Épée

April 2026 NAC

- 48th — Junior Men's Épée

March 2025 NAC

- 23rd — Cadet Men's Épée

January 2026 SJCC

- 11th — Cadet Men's Épée

Junior SJCC Results

- 21st — Junior, May 2025 SJCC
- 29th — Junior, December 2024 SJCC

Additional Results

- Multiple RJCC/ROC podium finishes over last 8 years
- Regional silver patches in Y12, Y14, and Cadet category

VIDEO

Recent competition videos: [FencingConnect](#)

Videos are organized by date and competition and include mostly DE bouts, along with some team bouts from national and international events. Where helpful, round/table details, opponent names, and identifying notes are included.

ACADEMIC PROFILE

Bellarmino College Preparatory — San Jose, CA

- High School Diploma Candidate, Class of 2027
- Weighted GPA: 4.333 | ACT: 36 Composite, 36 STEM (single test)
- AP Examinations: Calculus AB (5), Calculus BC (5; AB Subscore: 5), Biology (5), Computer Science A (4), English Literature and Composition (4)

Academic Interests

Neuroscience, cognitive science, biomedical signal processing, and computational approaches to medicine; pre-med track.

Selected Coursework & Programs

- De Anza Community College — General Psychology, 4 quarter units, Grade: A / 4.0
- Johns Hopkins University Summer at Hopkins — Applications of Chemistry in Medicine, Summer 2025
- Decode Life — AI & Computational Biology Bootcamp, Summer 2025
- Udacity Nanodegree Coursework — Deep Learning; AI Programming with Python, Summer/Fall 2024

RESEARCH & ACADEMIC EXPERIENCE

Pupil Tracking and Spiking Neural Network Modeling of Horizontal Nystagmus — *Solo-authored*

- Extended prior pupil-tracking methodology to model horizontal nystagmus dynamics using a spiking neural network.
- Accepted to BMES High School Conference 2026; 1 of 9 Bellarmine Research Symposium mainstage speakers

Pupil Dynamics in Nystagmus Using Computer Vision and Signal Processing — *Solo-authored*

- Applied computer vision and signal processing to quantify horizontal nystagmus from video-based pupil tracking.
- Accepted to American Journal for Young Scientists
- Accepted at SCCUR 2025
- Presented at BMES High School Conference, October 2025
- Special Mention / Honorable Mention, RRI Biological Science & Engineering, Synopsys Science Fair

Distinct EEG Spectral Signatures Differentiate Alzheimer's Disease, Frontotemporal Dementia, and Controls — *Co-authored*

- Analyzed EEG spectral biomarkers to distinguish Alzheimer's disease, frontotemporal dementia, and healthy controls.
- Accepted to American Journal for Young Scientists
- Presented at BMES High School Conference, October 2025

Summer Research & Clinical Programs — *Summer 2026*

- Stanford CNIX — Selected participant; neuroscience research program
- Stanford CASP — Selected participant; clinical exposure program
- John Hopkins 2026 Global Health Leaders Conference — Selected participant; global health and medicine program

Christian Service Program — *2022–Present*

Bellarmino College Preparatory

- Supported elderly populations with daily tasks and social interaction.
- Packed food boxes with fruits and essentials for families in need.
- Tutored elementary school students.

HONORS & DISTINCTIONS

- USA Fencing First Team All-American
- USA Fencing First Team All-Academic
- Special Mention / Honorable Mention, Synopsys Science Fair — RRI Biological Science & Engineering
- American Journal for Young Scientists — Two research acceptances
- BMES High School Conference — Three research presentations