

Aiden Seo

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EDUCATION

Chatfield High School

Littleton, CO

Class Rank: 1/447 | GPA: 3.90/4.00 (UW), 4.87/5.00 (W) | PSAT 10: 1420/1520 (99th %ile) August 2023 – Present

- **Relevant Coursework:** AP Chemistry, AP Biology, AP Physics 1, AP Cybersecurity: Networking, AP Statistics.
- **Honors & Awards:** Harvard–MIT Chemistry Olympiad (HMChO): Honors distinction – Top 50 (Intl), Top 1 (CO); U.S. National Chemistry Olympiad (USNCO): National Finalist – Top 12 (CO); Yale Science & Engineering Association (YSEA) Science Fair Award: Most Outstanding Exhibit; The Wizard’s Chest CATAN Tournament (Winter ’26, Preliminary 2): Semifinalist (Top 16); Celebrating Art: 4x High Merit, 6x Published; Scholastic Arts: 2x Silver Key, 4x Honorable Mention.

Pre-College Carnegie Mellon University

Pittsburgh, PA

Computational Biology (Full-Scholarship, \$10,000) | 1/97 (Intl) | Profs. Compeau & Kangas June 2025 – July 2025

- Relevant Modules: Metagenomics, Sequence Alignment, Genome Assembly, Evolutionary Tree Construction.

Arapahoe Community College

Littleton, CO

GPA: 4.0/4.0

January 2025 – Present

- Relevant Coursework: Calculus III, Differential Equations, General College Biology I & II, Intro. to Literature.

EXPERIENCE

University of Colorado Anschutz Medical Campus

Aurora, CO

Student Computational Biology Researcher

September 2024 – Present

- Building a computer-vision pipeline in QuPath to classify soft-tissue types in rat ankle histology; extracting image features, running analyses, and presenting findings to the Denver Metro Regional Science & Engineering Fair.

ACTIVITIES

Chatfield Medical Society

Littleton, CO

Co-Founder & Vice-President

May 2024 – Present

- Co-organizing Jeffco Health Expo (300+ students, 15+ schools), recruiting 3+ physicians; leading meetings with guest speakers, service drives, and raising \$40K+ for Make-A-Wish kid Lily (2024).

Online Mathematics Competition for Middle School Program

Littleton, CO

Founder & President

October 2022 – Present

- Producing weekly lessons (2 hrs/wk) and homework over topics in pre-algebra to hone student’s problem solving skills and prepare them for competitions, including the AMC 8 and Noetic Learning Math Contest.

Chatfield National Science Bowl Club

Littleton, CO

Founder & Captain

October 2024 – Present

- Preparing and leading a team of 9+ students for the National Science Bowl through weekly drills with past exam questions and rule reviews; placed Top 2 (Jeffco) and Top 20 (CO).

Swedish Medical Center

Englewood, CO

Volunteer

November 2024 – Present

- Volunteering (4 hrs/wk) weekly across Orthopedics, Emergency, Radiology, ICU, Neurology, Trauma, and other specialty units, enhancing countless patients’ experiences and the department’s efficiency.

Kyung Woo Fine Art Apprenticeship

Aurora, CO

Student Artist

September 2021 – Present

- Creating 12 portfolio paintings (6 hrs/wk) in watercolor and acrylic on 9x12 in. paper and 18x24 in. canvas.

Jeffco Youth Leadership

Arvada, CO

Member

August 2024 – Present

- Evaluating leadership strategies across 12 high-impact organizations, including Lockheed Martin, Barber-Nichols, RMCAD, Social Capital, St. Anthony’s, and NREL, to study strong leadership skills.

SKILLS & INTERESTS

Skills: Microsoft Office (Excel), Python (NumPy), Go, HTML/CSS/JS, AutoCAD, QuPath & image analysis, LaTeX

Interests: AI-in-Medicine, Visual Arts (watercolor, acrylic); Community Health (Make-A-Wish, Jeffco Health Expo)