Aiden Seo

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EDUCATION

Chatfield Senior High School *Littleton, CO*
Class Rank: 1/447 | GPA: 3.92/4.00 (UW), 4.89/5.00 (W) | SAT: 1520 (99th %ile) August 2023 – Present

- **Relevant Coursework:** AP Calculus BC, AP Chemistry, AP Biology, AP Physics C, AP Environmental Science
- **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; Wizard's Chest CATAN Tournament (Winter '26, Prelim 2): Semifinalist (Top 16); Celebrating Art: 4x High Merit, 6x Published; Scholastic Arts: 2x Silver Key, 4x Honorable Mention.

Arapahoe Community College *Littleton, CO*
GPA: 4.0/4.0 January 2025 – Present

- Relevant Coursework: Calculus III, Differential Equations, Linear Algebra, General College Biology I & II.

EXPERIENCE

University of Colorado Anschutz Medical Campus *Aurora, CO*
Student Computational Biology Researcher September 2024 – Present

- Developing machine learning model to automate tissue segmentation in rat ankle histology images to extract image features and conduct analyses; presented findings at DMRSEF and accepted for presentation at the AIX Summit.

Pre-College Carnegie Mellon University *Pittsburgh, PA*
Summer Academy for Math and Science | Full $11,000 Scholarship | 1/59 (US) out of 600+ May 2026 – August 2026

- Relevant Coursework: Modern Algebra, Lab Tech. in Biology, From Benchtop to Dinner Table: Engineered Meat

Pre-College Carnegie Mellon University *Pittsburgh, PA*
Computational Biology | Full $10,000 Scholarship | 1/97 (Intl) out of 500+ June 2025 – July 2025

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

ACTIVITIES

Phamily Tennis *Littleton, CO*
Co-Founder & Head of Creative Marketing April 2026 – Present

- Branding the 501(c)(3)nonprofit's full visual identity through designing posters, t-shirts, website, helping run the Serial Summer Tennis Series (60+ youth) by serving as event photographer and directing promotional campaigns.

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 students' 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.

SKILLS & INTERESTS

Skills: Microsoft Office (Excel), Python (NumPy), Go, HTML/CSS/JS, AutoCAD, QuPath & image analysis, LaTeX
Interests: Computational Biology; Visual Arts (watercolor, acrylic); Community Impact; Board Games (Catan, Poker)