

Elisa Sara Herr

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Objective: I am a current Senior at the Princeton International School of Mathematics and Science and exploring the intersection of movement, art, and neuroscience with biomedical engineering to create therapeutic applications for spinal and cognitive rehabilitation in dancers.

Website: <https://elisaherr.com/>

GPA: 3.89

Education: (High School) Princeton International School of Mathematics and Science - Princeton, NJ

AP and Post-AP Classes:

AP Statistics, AP Mandarin, AP Biology, AP CS A, AP Physics, AP World, AP US History, Artificial Intelligence and Computer Modeling, Neuroscience, Neuroscience Research Laboratory, Linear Algebra, Industrial Design

Competitions:

Dance (*Inspiration Dance Academy*):

National:

(2025) The Dance Awards: Convention Class Scholarship, Solo Competition Palladium Award

Regional:

(2024) KAR Dance Competition: Title Winner
(2024) Edge Talent: Judge's Award, Scholarship
(2023) Applause Talent: Title First Runner Up
(2023) Onstage Dance: Judges Award, Scholarship
(2022) In10sity Competition: Scholarship
(2021) Breakout Competition: Title Winner
(2021) KAR Dance Competition: Title Winner

Computer Science:

National:

(2022) ACSL: Qualification for All Stars
(2019) MIT Zero Robotics: National Winners

Regional:

(2022-2023) FTC
(2020-2021) FLL

Model UN:

(2022-2023) PMUNC

Community Service:

(2025-2026) Student Government Event Coordinator
(2025-2026) Princeton Community Building Theater Event
(2026) Tea at Tiffany's International Fundraiser Event for Cultural Diplomacy: Organizer and Participant
(2025) National Honor Society PRISMS Chapter Founder
(2024-2025) PRISMS Ambassador
(2024-2025) PRISMS PROM² Math Competition Host
(2024) PRISMS TA: Honors Biology
(2024) ScioVirtual TA: Ecology Course
(2023) Grace Church Summer Team Leader Volunteer

(2023) PRISMS Accreditation and 10-Year-Anniversary Celebration Host

(2020) Primoris Ambassador

External Coursework:

(2024) Steven's MOCORE Lab

(2023-2024) MIT BeaverWorks Cognitive Assistance

Hobbies:

(2014-present) Competitive Dancer

(2024-2025) IDA Dance Teacher (Hip-2-Flip)

(2024) PRISMS Fashion Newspaper Column Writer

(2021-2024) Varsity Volleyball

(2023-2024) PRISMS Wallflower - Band

(2023-2024) PRISMS Afterthought - Band

(2023-2024) PRISMS Choir

(2020-2024) Theater (*director/co-director*)

(2025) "Mean Girls" - playing Regina George

(2024) "12 Incompetent Jurors" - playing Juror 6

(2024) "13" - playing Eddie

(2023) "Twelfth Night" - playing Countess Olivia

(2023) "Clue" - playing Scarlett

(2022) "School of Rock" - playing Tomika

(2022) "The Crucible" - playing Abigail Williams

(2021) "Aladdin" - playing Jasmine

(2020) "Addams Family" - playing Morticia

Camps:

(2024) Sci-Mi Neuroscience Research

(2024) Hillsdale College Biochemistry Camp

(2023) Hillsdale College Biology Camp

(2023) NJIT Interior Design Course

(2023) Fallingwater Biophilic and Architecture Camp

(2021-2023) Interlochen Academy of the Arts (Ballet and Contemporary Camp - Scholarship)

Computer Platforms/Languages:

Java, Python, Unity, AutoCAD, OnShape, Arduino