

ALEX MELINE

8709 Irvington Avenue

Bethesda, MD 20817

alexmeline1@gmail.com

EDUCATION

Walt Whitman High School, Bethesda, Maryland

2022-2026

- Project Lead the Way (PLTW): completing *both* the engineering *and* computer science tracks
- Languages: American Sign Language (proficient), German (conversational)
- ACT: 31 | GPA: 3.5

Clarkson University, Potsdam, New York

- Accepted class 2030
- Engineering studies program

EXTRACURRICULAR ACTIVITIES

Whitman Robotics, FRC Team 1389

September 2022-Present

- Programming Lead: Oversee all software and programming, troubleshoot during FRC competitions, mentor new team members (June 2024-present)
- Programming Sub-Lead: Shadowed and assisted leads during build season (January-May 2024)
- Team Member: supported all tech teams, field competition set up, 2024 top student fundraiser

Scout Troop 233

2019-Present

- Eagle Scout Candidate (expected November 2025)
- Quartermaster (2024-present), Senior Patrol Leader Council member
- Order of the Arrow member (honor society)

Whitman Machine Learning & AI Club, Co-Founder

September 2024-Present

- Developed and launched new club devoted to exploring the potential and perils of AI.

Whitman Drama Technical Team

January 2023-November 2024

- Member Sound Crew: supported all aspects of sound for two major productions.

Rock Climbing Club

May 2023-present

- Join fellow students to climb indoors and coach people new to the sport.

WORK & VOLUNTEER EXPERIENCE

YMCA Summer Camp, Bethesda, MD

Summer 2024, 2025

- Senior Counselor: Responsible for designing and implementing STEM-based camps (May-August 2025)
- Junior Counselor: Assisted with running activities, learned leadership skills (May-August 2024)

KID MUSEUM, Bethesda, MD

Spring 2023-

Fall 2024

- Student Apprentice: assisted with facilitating STEM workshops, programming activities and museum exhibits for elementary students.

Bradmoor Neighborhood Association

2020-present

- Volunteer with the 'Snow Shovel Brigade' that clears elderly, disabled neighbors' driveways and sidewalks. Participate in annual fall clean-ups and spring beautification projects.

HONORS & AWARDS

- **PLTW**: One of a handful of students in the county who will complete both tracks, engineering and computer science. PLTW classes are ranked at **AP level or college level** in terms of content and rigor.
- **FRC Team 1389**: Selected as a '25-26 **Team Lead** in a competitive process from team of 50 members.
- **Scout Troop 233**: Currently, **Eagle Scout** candidate, approved for final project. Elected by fellow troop members for the **honor society**, Order of the Arrow.
- **Tae Kwon Do**: Hold the rank of second-degree **Black Belt**. Qualified to teach all lower belts.

SKILLS & HOBBIES

- **Photography**: Shoot film and digital, specialize in nature photography and robotics. My images are used for the FRC Team 1389 Instagram account and recruitment outreach.
- **3-D Printing**: Bought first printer in 2020 with my own money and have designed, printed a vast array of practical and fanciful items, including tool storage racks, luggage tags, and mini Eiffel Tower give-aways.
- **Guitar**: Adept at acoustic and electric, study weekly with professional musician who invited me to play with him this fall.
- **Outdoor sports**: I love the outdoors, especially cooler climates. I enjoy cold weather camping, fishing from my kayak, skiing, stargazing, backpacking and hiking.