

# Azalea Shillington

She/Her   ✉ azaleahazel@gmail.com   ☎ (682) 252-3424   📍 Cincinnati, Ohio   📖 4.400 GPA

Enthusiastic and driven high school student with a diverse range of interests from STEAM to leadership. Adept at leading and collaborating within various extracurricular activities, showcasing strong interpersonal and organizational skills. Eager to contribute a positive and motivated attitude to future academic and professional pursuits.

## Extracurriculars

**FIRST Robotics Competition (FRC)- Team 9097**   *Business Lead (3 years), President (Current, 2 years)*

- Currently serving as President, managing a team of 25 members for approximately 8 hours
- As Business Lead for two FIRST Tech Challenge (FTC) seasons and the inaugural FIRST Robotics Competition (FRC) season, successfully raised over \$40,000 as well as maintained a team presence on social media and in the community.
- Currently mentoring two FLL teams, dedicating approximately 3 hours per week to ensure their success and development.

**FIRST Ohio Youth Advocacy Council (OYAC)**   *Cofounder and President (Current, 1 year)*

- Leading an organization of over 5000 students in FIRST. Oversee strategic direction, and represent our interest at international level events.

**Astronomy Club**   *Cofounder and President (Current, 2 years)*

- Successfully managing a board of 5 individuals, as well as conducting monthly meetings for 15 regular members. Topics covered include diverse areas within astronomy.

**Varsity Track & Field - Winter and Spring**   *Varsity Member (4 years), Representative (Current, 1 year)*

- Specializing in shot put and discus, simultaneously focusing on athletic physique development and team collaboration
- Representing Track & Field on the district board of athletics.

**Varsity Academic Quiz Team**   *Captain (Current, 2 years)*

- Actively contributed to the varsity academic quiz team, showcasing strong knowledge, quick thinking, and effective communication skills in competitive events.
- Managing a team of 26 members in strategic direction as well as maintaining media presence.

**Additional Experience:** *DECA, Participant (Current, 2 years), Math Club Member (Current, 3 years), French Club (Current, 4 years), Women in the Public Spheres (WIPS) Club Member Current, 2 years)*

## Experiences

**Northwestern REACH program**   *Summer 2024*

- Researched black hole accretion discs with a post-doc. Worked on analyzing black holes and communication of scientific ideas.

**Research Mentee at Ohio State University**   *Fall-Winter 2024*

- Worked directly under Prof. Sultana N. Nahar, researching heating mechanisms of the solar corona. Defended research to a board of professors and thesis is to be published.
- Oral speaker at ICMMS-6 in Dahab Egypt. Received academic award for best Oral Presentation in Physical Sciences.

## Skills

- Leadership
- Team and Project Management
- Marketing
- Fundraising
- Python
- English and French

## Relevant Course Work

- AP Physics I & 2
- AP Physics C: Electricity & Magnetism
- AP Physics C: Mechanics
- AP Calculus BC
- AP Statistics
- AP Chemistry