

SOPHIA VLACHOS

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EDUCATION

West Lafayette Jr. Sr. High School, West Lafayette, IN

Graduated May 2025

- GPA: 3.961/4.0

Purdue University, West Lafayette, IN

Expected Graduation May 2029

- Studying a B.S. in Biomedical Engineering within the John Martinson Honors College
- Lilly Scholar at Purdue Scholarship Recipient

ACTIVITIES & EXPERIENCE

Purdue Biology Department – Purdue University

March 2023 – May 2025

Lab Assistant

- Synthesized and analyzed gene sets, statistics, and other data sets
- Evaluated the genomic and phenotypic relationships of traits based on genotypes
- Presented findings at the Spring Undergraduate Research Conference of Purdue University

Greyhouse Coffee and Supply Co.

August 2025 – Present

Barista

- Greet and take orders of customers
- Prepare coffees, breakfast sandwiches, crepes, and pastries to serve to customers
- Wash dishes, sanitize tables, maintain a clean environment for the comfort of customers and the standards of Indiana Health Code

College Mentors for Kids Purdue Chapter

August 2025 – Present

Mentor

- Paired with a buddy and work with them as a mentor, helping teach them life skills, confidence, and serve as a role model
- Served as a weekly mentor for elementary students, fostering confidence and academic curiosity

HEalth Ambassadors with the LPRC (HEAL)

August 2025 – Present

HEAL Level 1 Affiliate

- Participated in professional development events, gaining exposure to the work environment

West Lafayette Jr. Sr. Highschool Swim Team – West Lafayette Jr. Sr. High School

October 2021 – May 2025

Varsity Athlete

- Hoosier Conference Champions 2022 and 2024
- Hoosier Conference Runner-Ups 2023
- Practiced 2x a day, 5 days a week with my teammates

- Competed in swim meets against other high schools and various teams
- Communicated with my teammates and helped build relationships with and motivate the team
- Assisted in running swim meets, helping with scoring, timing, and anything the coaches needed

Student Athlete Leadership Team – West Lafayette Jr. Sr. High School

August 2023 – May 2025

Nominated Member

August 2023 – May 2025

- Oversaw and took part in events to encourage student involvement in sports
- Collaborated with other members to aid in sport and school involvement

Athlete Fun Night Leader

August 2023 – May 2023

- Organized bi-annual Athlete Fun Nights to bring together athletes of all grades and sports
- Managed the planning of the event and ensuring everything ran according to plan

Student Council – West Lafayette Jr. Sr. High School

May 2022 – May 2025

May 2024 – May 2025

Elected Class Representative

- Planned various fundraising activities
- Oversaw fundraisers, formulated action plans to maximize profit
- Volunteered at sports events for concessions to earn more money
- Managed entry and tickets at prom in addition to setting and cleaning the event up
- Organizing graduation and various other senior events

French Club – West Lafayette Jr. Sr. High School

August 2021 – May 2025

Club Member

August 2021 – May 2025

- Organized large quarterly events within the high school language department
- Assisted in setting up events for being a student representative for the French department

Revellion Soup and Salad Committee Leader

October 2023 – May 2025

- Organized a portion of the menu for the event celebrating French culture
- Oversaw the cooking of the entrees and additional meals to ensure quality and safety
- Coordinated assignment of tasks and jobs for the event

Learn to Be – Virtual

February 2024 – May 2025

Tutor

- Mentored children virtually from underprivileged communities all over the nation in various subjects
- Prepared lesson plans, assignments, and various coursework to aid in a student's learning

National Honors Society – West Lafayette Jr. Sr. High School

May 2024 – May 2025

Member

- Assisting high school and junior high students via tutoring in math, sciences, and english courses
- Aimed to increase school (and city) community involvement

Schoolhouse Tutoring – Virtual

March 2024 – May 2025

SAT Math Tutor

- Tutored students through Kahn Academy for SAT Math
- Ran an SAT Math bootcamp, managed and tutoring 10 students for their upcoming SAT exam
- Prepared lesson plans, evaluations, and custom lesson plans based on specific student group

AWARDS & HONORS

- Allen Wood Award for sports and academics on the swim team, 10th grade
- Scholastic Arts and Writing Award Honorable Mention, 11th grade
- French Quiz Bowl Winner, 9^h grade
- Le Grand Concours National French Contest Bronze Medalist, 9th grade
- Le Grand Concours National French Contest Honorable Mention, 10th grade
- National Honors Society member
- AP Scholar with Distinction, 11th and 12th grade

OTHER INFORMATION

- Novice in Python and Java coding
- Fluent in Greek and proficient in French
- Proficient in InDesign and Adobe Illustrator