

Aaron Colon

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Summary

Sophomore university student seeking leadership opportunities, diverse and new skills, and support in my academic venture.

Education

Lehigh University, Bethlehem, PA Biostatistics & Health Data Science, Pre-medicine GPA: 3.78 Dean’s List x3	Graduation: May 2027
Easton High School, Easton, PA AP Scholar with Honors, High Honor Roll, Top 1% Graduating Class	Graduation: June 2023 Honors:

Research Involvement

Sea-Phages/Sea-Genes	2022-2023
<ul style="list-style-type: none">Annotated the genome of Phage Hanako using bioinformatics tools such as DNA Master, PhagesDB, Starterator, GeneMarkS, Phamerator, BLASTp, HHPred, DeepTmHmm, and SOSUI.Identified gene start/stop sites, coding potential, and protein functions for GenBank submission to the National Center for Biotechnology Information (NCBI).	
DNA Sticker Computation via Electrowetting	2021-2023
<ul style="list-style-type: none">Developed and tested a bio-inspired computing model using DNA stickers and electrowetting-on-dielectric (EWOD) technology to manipulate microfluidic droplets.Contributed to manuscript preparation and presented findings in research meetings.	

Leadership

Rotary Club	2021-2023
<ul style="list-style-type: none">Participated in community service projects, including fundraising, environmental initiatives, and volunteer events.	
Honor Society	2019-2023
<ul style="list-style-type: none">Coordinated and actively participated in over 100 community service events, including homeless pantries and community breakfasts, benefiting local citizens and aiding in the poverty epidemic.Provided mentorship to junior NHS members, offering support, and guidance in their academic and service pursuits, contributing to their personal and academic growth.Demonstrated a strong commitment to academic excellence by consistently maintaining a 4.0GPA and encouraging peers to strive for high academic standards.	

Campus Involvement

RARE

August 2023-Current

- Engaged in interdisciplinary collaboration with peers from diverse academic backgrounds, broadening my perspective and enhancing problem-solving skills.
- Contributed to the RARE community by actively participating in discussions, seminars, and events that encouraged intellectual discourse and the exchange of ideas.

Resident Assistant

August 2024-Current

- Fostered a safe, inclusive, and supportive residential community for 28 students.
 - Served as a peer mentor and resource, promoting leadership, diversity, and community engagement.
 - Collaborated with university staff to enhance the student residential experience through initiatives such as bulletin boards and community-building activities.
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