

ANALYNN BISIANI

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EDUCATION

Bachelor of Science

Stony Brook University

May 2028

(Expected)

- Major: Applied Mathematics and Statistics; Pre-Medicine Track
- GPA: 3.66

RESEARCH EXPERIENCE/ INDEPENDENT PROJECTS

Research Intern

Dr. Julia Arciero: Department of Mathematical Sciences, Indiana University Indianapolis

May 2025-

August 2025

- 10-week research experience: Worked with another student on a project focusing on Mathematical Modeling on therapeutic interventions of heart transplants.
- Presented two posters and gave multiple oral presentations on my findings and results
- Was able to work with multiple collaborators combining mathematical and scientific efforts

Undergraduate Research Assistant

Dr. Srinis Pentyala lab: Department of Anesthesiology, Stony Brook School of Medicine

September

2024- Present

- Responsible for collaborating with a group of students to determine experiments, collect data/analyze, and write research papers.
- The goal is to work to better help patients suffering from diseases with not well known treatments.

Independent Project COVID-19

September

2023-August

2024

- Project analyzing the mental, physical and social impacts of students during the pandemic and how that impacted their grades, motivation, and social skills in the present day.

ACADEMIC EXPERIENCE

Simon's Stem Scholars Program

June 2024-

Present

- Selected as one of 50 students from a competitive pool of over 1000 applicants for a fully funded undergraduate program at Stony Brook University, dedicated to supporting students pursuing the PhD or MD/PhD pathway.

Summer Bridge

June 2024-

August 2024

- Intensive 6-week summer program filled with team bonding, teamwork/collaboration, research talks, panelists, Seminars, and 3 college courses (7 Credits: psychology, calculus, intro to Stony Brook)
- Visited prestigious research institutions, including the Flatiron Institute, Brookhaven National Laboratory, Cold Spring Harbor Laboratory, and the American Museum of Natural History, to explore and engage with groundbreaking research initiatives and research talks.

Certification/Skills

- NYS EMT-B certification
- American Heart Association CPR Certified
- Python coding, teambuilding, collaboration, leadership, advocacy, integrity, compassion, and determination

Volunteer organizations/Affiliations

Stony Brook Volunteer Ambulance Corp.	September 2024-Present
<ul style="list-style-type: none"> • Provide care to all Stony Brook University Campus district. Also work with mentoring new probie classes and attending continuing trainings in the field. 	

Student Blood Drive Committee

Tutor:	September 2020-Present
<i>Spring Forward Tutoring</i>	
<ul style="list-style-type: none"> • Tutored students primarily k-12 in math, science, social, studies, English, and SAT prep. Improved my communication skills and fine-tuned teaching capabilities. 	

WORK EXPERIENCE

Cashier/Customer Service Representative

<i>Kohl's</i>	June 2023-June 2024
Student Assistant	

Compliance Department: Stony Brook University Student Health Services

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| <ul style="list-style-type: none"> • Work with the Electronic Health Record for all students on campus. • Use google excel to analyze data pulled from the EHR and present findings • Work to reclassify all student files into an organized model | September 2025-Present |
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RELEVANT COURSEWORK

Anatomy and Physiology 1 with Lab

<i>Adelphi University</i>	September 2023-June 2024
Cashier/Customer Service Representative	
<i>Kohl's</i>	

Computer Science 101 (CSE 101)

<i>Stony Brook University</i>	June 2023-June 2024
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Applied Linear Algebra UGTA

Calculus IV UGTA	August 2024-Present
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