

Miracle St. Kitts

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EDUCATION

Columbia University, Columbia College

New York, NY

Expected in May 2026

Bachelor of Arts

Relevant Coursework: Intro Bio I & II, Physics I & II, Physics Lab, General Chemistry I & II, General Chemistry Lab, Organic Chemistry I & II, Organic Chemistry Lab I, Genetics, Project Lab in Microbiology, Cell Biology, Biochemistry

GPA: 3.34

Queens High School for the Sciences at York College CUNY, Jamaica, NY

June 2022

High School Diploma

EXPERIENCE

Dietrich Lab, New York, NY

May 2025– Present

Undergraduate Researcher

- Engineer mutant strains of *Pseudomonas aeruginosa* to probe their system of preferential carbon source usage and biofilm formation
- Analyze and visualize experimental data using ImageJ and Python programming

Veritas Forum, Boston, MA

May 2024– Jul 2024

Media Intern

- Evaluated past media content for its future relevance and its alignment with Veritas' mission to bring together perspectives from experts in different fields on critical philosophical issues
- Strategized with staff to develop ways to reach more students and produced new materials and criteria for evaluating content production

The Feinstein Institutes for Medical Research, Manhasset, NY

Jun 2023– Jul 2023

Visiting Scholar/Research Intern at the Chambwe Lab

- Executed copy number status analysis on panel sequencing data from tumor samples of patients with complex atypical endometrial hyperplasia and endometrial cancer using R programming
- Interpreted findings at an end-of-program poster presentation for the Feinstein community

Rockefeller University, New York, NY

Jul 2021– Aug 2021

Student Researcher at the Summer Science Research Program

- Conducted structural and chemical analysis of interactions between nanobodies and their respective antigens
- Interpreted findings in presentation at the culmination of the program and at SMRC Symposium

American Museum of Natural History, New York, NY

May 2019– Jun 2020

Research Intern

- Performed bioinformatics research characterizing motifs in spider silk proteins
- Interpreted findings in presentation at 8th Annual Student Research Colloquium

LEADERSHIP

Student Governing Board, New York, NY

April 2024– Present

Representative At-Large

- Advise and represent a constituency of assigned student groups regarding matters of their activities and programming
- Facilitate communication between student groups and the SGB and Columbia administration

Columbia Veritas Forum, New York, NY

Sep 2023– Present

Vice President

- Execute semesterly forum events facilitating scholarly, philosophical conversations between Christian and non-Christians, including: *How Do You Build the Life You Want?* and *What is the Purpose of a Liberal Arts Education?* (2025)
- Manage room bookings for club meetings and forum events in addition to regular email correspondence with potential speakers, vendors, and Columbia administrators

Christian Union Lumine, New York, NY

Sep 2023– 2025

Co-Vice President

- Coordinate with executive members to promote fellowship within the community by planning initiatives for dedicated prayer time, Bible study, campus outreach, semesterly retreated
- Manage organization finances and coordinate with Columbia administration to host large events

OTHER ACTIVITIES

Columbia Science Review, *Organization Committee Member*

Sep 2022– May 2023

SKILLS

- Language: English, Limited working proficiency in Spanish | Computer Languages: Python, R, LaTeX
- Computer: Microsoft Office, Google Suite