**Summary**

Inquisitive biology student specializing in microbiology, with a strong interest in the study of microorganisms and their roles in various ecosystems and human health. Experienced in aseptic techniques, culturing microorganisms, and basic microscopy. Seeking an entry-level position in a microbiology laboratory, research institution, or healthcare setting to contribute to the understanding and control of microbial life.

**Education**

**Bachelor of Science in Biology, Microbiology Specialization** | Expected May 2025

Governors State University, University Park, IL

**Relevant Coursework**

* Microbiology
* Cell Biology
* Genetics
* Biochemistry
* Immunology
* Virology

**Experience**

**Laboratory Assistant Dr. Emily Carter, Biology Department** | University Park, IL | November 2023 - Present

* Assist in research projects involving the identification and characterization of bacterial species from soil samples.
* Prepare various culture media, perform aseptic techniques (streaking, serial dilutions), and culture bacterial samples.
* Prepare slides for Gram staining and analyze microbial morphology using light microscopy.

**Microbiology Intern** | Loyola University Medical Center | Maywood, IL | June 2023 - August 2023

* Assisted laboratory technicians in the clinical microbiology lab, processing patient samples for bacterial identification.
* Gained experience in various diagnostic microbiology techniques and quality control procedures.
* Learned about laboratory safety and infection control protocols.

**Skills**

* Aseptic Techniques and Microbial Culture
* Gram Staining and Microscopy
* Basic Molecular Biology Techniques (e.g., DNA extraction from bacteria)
* Data Analysis (Excel)
* Laboratory Safety Protocols

**Volunteer Experience**

**Science Outreach Volunteer** | Local Elementary School | Chicago, IL | October 2022 - May 2023

* Conducted hands-on science experiments with elementary school students, including activities related to microbes and hygiene, such as handwashing demonstrations and observing mold growth.

**Clubs**

GSU Microbiology Club University Park, IL September 2022 - Present

* Participate in club meetings and discussions on current topics in microbiology and infectious diseases.
* Organize a seminar featuring a microbiologist working in public health.