**Summary**

Highly analytical biology student specializing in genetics, with a strong understanding of inheritance patterns, gene regulation, and molecular genetics techniques. Seeking an entry-level research position in a genetics laboratory or biotechnology company to contribute to advancements in genetic research and its applications.

**Education**

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

Governors State University | University Park, IL

**Relevant Coursework**

* Genetics
* Molecular Biology
* Cell Biology
* Biochemistry
* Evolutionary Biology
* Bioinformatics

**Experience**

**GSU Research Assistant Dr. Sarah Lee, Biology Department** | University Park, IL | October 2023 - Present

* Assist in a research project investigating the genetic basis of plant disease resistance in maize.
* Perform DNA extraction, PCR, gel electrophoresis, and analyzed sequencing data using bioinformatics tools.
* Maintain detailed laboratory notebooks and contributed to the writing of research protocols.

**Genetics Intern (Remote)** | 23andMe | Chicago, IL | June 2023 - August 2023

* Assisted with the analysis of large-scale genomic datasets for ancestry and health-related research.
* Gained experience in using bioinformatics pipelines and statistical software for genetic analysis.
* Contributed to the development of internal research tools and databases.

**Skills**

* DNA Extraction, PCR, Gel Electrophoresis
* Genetic Data Analysis (e.g., using software like Geneious, PLINK)
* Molecular Cloning Techniques (basic)
* Bioinformatics Tools (basic - BLAST, NCBI databases)
* Scientific Literature Review

**Volunteer Experience**

**Science Museum Volunteer** | Museum of Science and Industry | Chicago, IL | September 2022 - December 2023

* Assisted visitors with interactive exhibits related to genetics and heredity, explaining concepts like DNA structure and genetic mutations.

**Clubs**

GSU Genetics and Biotechnology Club | University Park, IL | September 2022 - Present

* Participate in club meetings and discussions on current topics in genetics and biotechnology.
* Organize a field trip to a local biotechnology company.