

# Jessica A. Thompson

January 16, 2026

Acme Corporation

RE: Internship Microbiologist

Dear Hiring Manager,

I am writing to express my enthusiasm for the Internship Microbiologist position at Acme Corporation, as advertised on your careers page. With a strong academic background in microbiology and a passion for research, I am excited about the opportunity to contribute to your innovative projects and learn from a team renowned for its commitment to advancing microbial science.

During my studies at State University, I had the opportunity to conduct a research project on antibiotic resistance in local bacterial strains, which not only sharpened my laboratory skills but also deepened my understanding of microbial genetics. I successfully isolated and analyzed samples, ultimately identifying a novel resistance mechanism that was later presented at the National Microbiology Conference. This experience not only enhanced my experimental abilities but also honed my skills in data analysis and critical thinking, which I am eager to apply at Acme Corporation.

Additionally, I completed an internship at a local environmental lab where I assisted in the assessment of water quality through microbial analysis. I collaborated with a team to evaluate contamination levels and contributed to a report that led to actionable recommendations for local water management authorities. This experience taught me the importance of teamwork and effective communication in a laboratory setting, as well as the practical implications of microbiological research in public health.

I am very interested in the possibility of discussing how my background, skills, and enthusiasms align with the goals of Acme Corporation. I believe that my dedication to microbiology and my proactive approach to research would be a valuable asset to your team. Thank you for considering my application. I look forward to the opportunity to speak with you soon.

Sincerely,

Jessica A. Thompson