

# Jessica L. Thompson

January 16, 2026

Acme Corporation

RE: Internship Geneticist

Dear Hiring Manager,

I am writing to express my enthusiasm for the Internship Geneticist position at Acme Corporation, which I discovered through your careers page. As a biotechnology major at the University of California, Berkeley, I am eager to leverage my academic background and hands-on laboratory experience to contribute to your innovative genetic research team.

During my studies, I had the opportunity to work on a research project focused on CRISPR-Cas9 gene editing techniques. I played a pivotal role in designing and executing experiments that successfully targeted and modified specific genes in *E. coli*. This project not only honed my technical skills but also enhanced my ability to troubleshoot complex scientific issues, as I often had to adjust protocols to optimize results. Additionally, I completed a summer internship at GenTech Labs, where I assisted in analyzing genomic sequences and compiling data for publication. My contributions led to the identification of several genetic markers linked to antibiotic resistance, which were subsequently included in a peer-reviewed paper.

I am particularly drawn to Acme Corporation due to your commitment to advancing genetic research with real-world applications. I am excited about the possibility of contributing to projects that can lead to breakthroughs in genetic therapies. I am confident that my background in genetics, coupled with my passion for research, aligns well with the goals of your team. I would welcome the opportunity to discuss how my skills and experiences can contribute to your ongoing projects. Thank you for considering my application.

Sincerely,

Jessica L. Thompson