

Jessica Tran

January 16, 2026

Acme Corporation

RE: Internship Biomedical Engineer

Dear Hiring Manager,

I am excited to apply for the Internship Biomedical Engineer position at Acme Corporation, as advertised on your careers page. With a strong passion for medical technology and a solid foundation in engineering principles, I am eager to contribute to your innovative team while gaining invaluable experience in the biomedical field. My academic background and hands-on projects have equipped me with the skills necessary to excel in this role.

During my studies at the University of California, San Diego, I had the opportunity to work on a project focused on developing a low-cost prosthetic hand that integrates sensors for feedback. Through this project, I collaborated with a team of engineers, conducted extensive research on materials, and utilized CAD software to create functional prototypes. This experience not only honed my technical skills but also taught me the importance of teamwork and effective communication in a multidisciplinary environment.

Additionally, I completed an internship at BioMed Innovations, where I assisted in the design and testing of a wearable device intended to monitor vital signs in real-time. I contributed to the validation process by conducting experiments, analyzing data, and preparing reports that highlighted our findings. My ability to adapt and learn quickly allowed me to make significant contributions to the project, leading to a successful prototype that was well received during our final presentation.

I am eager to bring my background in biomedical engineering and my enthusiasm for innovation to Acme Corporation. I would be thrilled to discuss how my skills and experiences align with the goals of your team. Thank you for considering my application; I look forward to the possibility of contributing to your groundbreaking work in biomedical engineering.

Sincerely,

Jessica Tran