

Ammon Knaupp  
135 W 200 N, Apt 1  
SLC, Utah 84103

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Dear Hiring Committee,

I am a recent college graduate with one year of experience working in tech and research. I am seeking a role in data or digital technology that offers engaging challenges and opportunities for ownership. I have considerable experience with computers and science, but more generally I am highly detail-oriented and enjoy supporting co-workers and contributing to a positive, engaging work environment.

As an intern at Myriad Genetics, I contributed software development skills to a fast-paced, innovative tech team. My team's purpose was to provide both internal and external users access to genetic test data. My projects involved improving processes associated with sharing the genetic test data and helping stakeholders understand what kind of engagement customers are having with this data. My main takeaways from this experience relate to the effective management of personal and team resources. I saw how planning, execution and communication can make or break a project and how a methodological framework is essential in facilitating these processes.

In the BYU Genomic and Bioinformatic Center, I supported operations and made improvements to several important processes. As a lab technician, I followed SOPs to prepare DNA for sequencing and analyzed the results to ensure that the final product met the requirements. In addition to my responsibilities as a technician, I built a software solution to automate the process of delivering data files to customers. This solution helps customers get their data faster, improves the organization of data files, and frees up considerable time for lab technicians. The sensitive and tedious nature of working with DNA chemistry helped me develop great attention to detail. One challenge I faced in the DNASC was limited supervision, which required me to proactively learn new processes and troubleshoot problems on my own.

One of the most rewarding experiences I've had professionally is consulting for a medical research group that is preparing to start trials for a new treatment for heart failure. The expertise I developed in the lab at BYU made me uniquely suited to help them interpret their DNA sequencing data. My analysis confirmed expectations, clearly demonstrating the existence of a complex pattern of genetic variation that is targeted by the new drug.

I look forward to the opportunity to further discuss how my background and skills align with the needs of the team. Thank you for considering my application.

Best regards,

Ammon Knaupp