I aspire to work at the intersection of information technology and hardware engineering. I currently work as a DBA and .NET developer at PolyPrint Inc in Tucson Arizona. When I began working at PolyPrint May 2016 I did not know .NET or MSSQL. I quickly learned both, and became engrossed in the subtleties of database design and management. I now write various services and windows forms in C# on the .NET framework for use within the company and contribute to the management of their database.

My most recent project was to develop a table schema for use in generating reports to be emailed to specific groups of people. This schema used a Windows service to generate reports with arbitrarily complex data queries and automatically email them to users. In addition, I developed the Windows service that was to run on the local company server to process these requests every night at midnight. I successfully developed and deployed the database and report automation technology, and enjoyed the challenge of integrating all of the technologies involved.

In another PolyPrint project I redesigned table schemas and intranet executables which performed monthly inventories. The existing system made taking inventory of PolyPrint's 10,000 square-foot factory a 3-hour process. In a month I learned the internals of PolyPrint's database and developed a Windows form to replace their existing system. PolyPrint deployed my software, and it successfully reduced the inventory time to an average of one hour and twenty minutes - a more than 50% improvement. My solution is now used every month to inventory the factory's stock of materials and shipments. This was my first project for the company and secured me a job with them.

I am excited for the opportunity to apply myself to new and unusual software and hardware development challenges. I thrive on creative technical problem-solving, and would like to bring my commitment and creativity to bear on the challenges faced by your company.

Thank you for your consideration,

Tyler J Gabb