

I aspire to work at the intersection of Computer Science, Mathematics, and 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 WinForms/WPFs 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 system for processing arbitrarily complex data queries and emailing human-readable results to specific people within the company. This system was accomplished with a combination of stored procedures and a locally hosted Windows Service. I developed the Windows Service, the database tables used for processing, and a standard convention for said tables. I successfully developed and deployed the reporting system, and I enjoyed the challenge of integrating all 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 development and engineering challenges. I thrive on creative technical problem solving and would like to bring my commitment and creativity to bear on the challenges faced by Amazon. Thank you for your consideration, Tyler J Gabb