For as long as I can remember I’ve found myself captivated by puzzles. From blacksmith’s puzzles to the application of the correct statistical models, finding appropriate and elegant solutions to the problems I’m faced with has become a passion. In college, I initially found myself drawn to biomedical research and the challenge of trying to use basic research to contribute to the solutions to complex problems like aging, stress, and disease. Working in a couple different labs made me quickly realize that to be able to answer any of these questions I would need to have a firm grasp on both programming and statistics. This realization made me focus my attention no learning the analytical skills I needed to succeed, I immediately added computer science and math classes to my curriculum before finally applying to a graduate program that focused on statistics and the analysis of genetic sequence data. I then went to work for Peter Baumann at the Stowers Institute for Medical Research. This position requires me write Python, R, and bash scripts, implement those scripts in conjunction with existing software tools to answer biological questions and generate informative and data driven visualizations.

I’ve been working in the biomedical research field for a year and a half now and while it has been a great opportunity to grown and learn, I am ready to take my analysis skillset and apply it to real world problems. I thrive in team environments where challenging analytical problems require me to constantly collaborate, learn, and think about problems from different angles. I’m excited about opportunities that allow me to use my computer science and statistical background to solve complex problems with direct implications for business. To that end I endeavor to constantly be improving my work flow, decision making, reproducibility, and optimization.