I have over 5 years of experience working with and analyzing data gained while working at Oregon State University. I gained my master’s thesis in the Department of Nuclear Science and Technology where I designed software for radiation detection. The research was funded through a Nuclear Regulatory Commission Grant. I utilized Java and Python for statistical analysis that allowed me to create algorithms that modeled spectroscopic behavior.

After this I worked as a Graduate Assistant while I gained my MBA. Upon graduation I was brought on full time by the Dean of Student Life to gather and analyze all of our Departments financial and demographic data as part of a major University Strategic Initiative. I utilized Java, Python, R, SQL and Excel in this role. After this I worked as a Software Developer in a number of different projects. A major one was working at Transportation Services where I worked with a team to gather and analyze their past financial and usage data. This project utilized Python, Java, JSON, Google APIs and JavaScript. My goal for working with large data is to always make things as clear and easy to understand as possible.