I developed a strong foundation during my undergraduate program, especially in the area of biostatistics and epidemiology. A core course offered by Dr. Jamal Uddin made me more interested and prepared me to gain skills that I so much required in working with complex health study. My performance in other courses like Statistical Computing was admirable such that I had a straight’s: GPA 4.0. With the intention of achieving proficiency with my statistical knowledge, I pursued for a double major in Computer Science and Engineering where I mastered programming in SAS, Stata, R, and Python by learning other basic programming language like C/C++, SQL, and HTML/CSS.

The Master’s degree thesis I wrote and which was funded by the University Research Centre got published in a good journal demonstrating my ability to handle thorough research. Working as Data Management and Reporting Officer under the Joint Rohingya Response Program was also an enriching part of my work experience where I used my skills in managing projects emphasizing healthcare to the underserved communities.

In addition, I have a record of funded projects dealing with socio-economic problems. I have been involved in significant research on infectious diseases, maternal-child health, and environmental health. As an example, I employed time-series forecasting methods in my recent rabies control work, and I applied the skills of analyzing pandemic based on COVID-19 data in making recommendations for preparedness.

Beyond research, I mentor students in data analysis and research methodologies, further solidifying my commitment to academia. My quantitative skills, coupled with a passion for public health, position me to contribute effectively to research and education in this critical field.