Dear Hiring Team,

With 3 years of experience in Data Analysis, I am applying for the position of Data Analyst with Nitel. I am pursuing my Master's degree in Computer Science at UNC Charlotte, with Data Science as my area of concentration and will be graduating in December 2017. I am currently employed as Data Analyst – Intern at Ahold Delhaize. I believe my educational and professional skills and experience make me an ideal candidate for the job of Data Analyst.

I was introduced to Data Analysis in my previous role as System Analyst at Tata Consultancy Services (TCS). I was the primary application analyst for the applications used by PwC. My primary responsibilities were to identify and implement various process improvements and automation to achieve excellent customer experience. One of my biggest achievements was to provide solution to the most frequent occurring issues in a widely used application using data analytics. With heavy data preprocessing and data manipulation of the application data set using SQL, I was able to provide recommendations to stakeholders to solve the problem with the help of insights gained from collected data. The provided solution did not just solve the problem but also reduced the cost and resource utilization.

I was passionate about learning new and advanced techniques in data analysis and this motivation brought me to the States to pursue higher education. Coursework such as Business Intelligence & Data Analytics, Cloud Computing for Data Analysis, Knowledge Based System, Database Systems helped me to learn and work with statistical languages such as R, SAS, and Python and work with big data technologies such as Hadoop (MapReduce , HDFS) and Spark.

Currently, I intern with Customer Engagement Data Analytics team of Ahold Delhaize. I am working on analyzing and predicting consumer purchase behavior using large scale transactional data of the organization. My responsibilities include extracting the data from various sources, manipulating data using various packages in R, feature engineering and analyzing to build best prediction model. I have also used SQLite for data storage and access. As Ahold Delhaize operates various retail stores across USA and Europe, I worked on implementing association rule mining algorithms on the customers' purchase data to provide recommendations to Business to maximize the profit and customer satisfaction of purchasing with Delhaize. Additionally, I completed a project on automating quarterly review process for Security architecture team using advanced excel VBA, macros and MS Access for advanced SQL querying and reports. I used Tableau for report and data visualization which made it easier for Director of the team to make effective business decisions.

I am really excited about this role in Nitel. I believe that I have the skills and experience required to fit in this position. I am aware of data warehouse concepts, relational databases and data modeling concepts. I have the knowledge of ETL using SSIS. I have heavily worked with SQL in my professional work as well as coursework. With my analytical and problem solving skills, I have been able to solve some of the most frequent occurring issues and provide permanent solutions to end users. I have attached my detailed resume for your review. I aspire to be a leader and Nitel believes in creating leaders at all levels. I strongly believe that I possess the right attitude and technical competencies to be successful in this role.

I am always eager to learn more about gaining insights through data; enrolling in online courses and reading up on these topics help me learn the wide aspects of data analytics. I am confident that my experiences in data analysis clubbed with the passion for serving the best qualify me for consideration. I look forward to interviewing with you and discussing my qualifications in more detail.