

Toronto, ON  
rohan.nair@mail.utoronto.ca  
+1 416-731-0609  
Feb 13th, 2025

Robinson Ravindran  
Toronto Transit Commission  
Toronto, ON

**Subject: Application for Data and Infrastructure Analyst Co-op Position**

Dear Robinson Ravindran,

I am excited to apply for the **Data and Infrastructure Analyst** Co-op position at the Toronto Transit Commission (TTC). As a third-year Computer Science and Statistics student at the University of Toronto Mississauga, I am eager to contribute my analytical skills and technical expertise to support the TTC's mission of providing safe, reliable, and efficient transit service.

Throughout my academic and professional journey, I have developed a strong foundation in data analysis, infrastructure management, and technology-driven problem-solving. In my role as a Research Assistant at the Department of Management, I worked extensively with large datasets, applying machine learning techniques and classification algorithms to automate qualitative research processes. Additionally, as a Projects Director at the UTM Software Hub, I led the development of a data visualization and analytics tool, optimizing performance by 80% and enhancing user experience. My experience with PostgreSQL, Python, and data analysis frameworks positions me well to analyze infrastructure data and contribute to the TTC's asset management initiatives.

I am particularly drawn to this role because of its emphasis on leveraging data to improve infrastructure planning and maintenance. My proficiency in SQL, Python, and data visualization tools, coupled with my experience in structuring and managing large datasets, will allow me to effectively identify missing information, assist in preparing reports, and support the development of asset management plans. Furthermore, my ability to work collaboratively in team environments and my strong communication skills make me a great fit for this position.

The opportunity to apply my technical skills in a real-world infrastructure setting excites me, and I am eager to bring my problem-solving mindset to the TTC team. I look forward to the possibility of discussing my application further. Thank you for your time and consideration.

Sincerely,  
**Rohan Sunilkumar Nair**