**1. Describe your academic objectives and indicate how these are appropriate to your long-range goals. Please include specifically how a Bachelor's degree from the University of Toronto will contribute to your achieving your longer-range goals. (100 word maximum)**

To improve water accessibility, I envision incorporating data integration and live water monitoring into a freely-accessible water safety map to guide people in monitoring and learning more about water conditions around them. A UofT bachelor's degree would help expand my understanding of technologies and methodologies used for real-time water quality monitoring. JSC470H1-Data Science III and CSC110Y1: Foundations of Computer Science, are two courses which would develop my data analysis, visualization, and programming skills for algorithms and running time analysis. Lastly, UofT gives me an opportunity to participate in the Institute for Water Innovation’s water characterization research, especially in sensor development.