Arfaz Hossain

Victoria, British Columbia

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City of Victoria, Human Resources
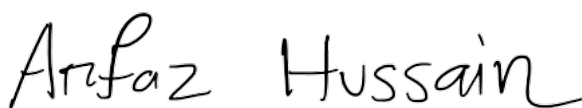Victoria, British Columbia

Dear Hiring Manager,

I am writing to express my interest in the Co-op Student position with the City of Victoria's Engineering Underground Utilities Division. As a software engineering student at the University of Victoria, I am excited about applying my academic knowledge and skills to support engineering projects related to stormwater management and environmental monitoring. I believe this position offers an excellent opportunity for me to contribute to the city's initiatives while gaining valuable hands-on experience.

Throughout my education and project work, I have developed skills that align well with the key duties outlined in this role:

- **Field Data Collection and Environmental Monitoring:** Through my academic background and project work, I have experience working with manual and electronic equipment for data collection. I have contributed to projects that required analyzing field data and working with environmental conditions, which would be valuable in supporting the stormwater management team.

- **Data Management and Reporting:** In my projects, I have regularly worked with database systems like PostgreSQL and MongoDB to manage large datasets, and I have written scripts in Python for data processing. These skills will assist in updating computer files and preparing reports for engineering projects.

- **Technical Drawing and Software Tools:** I have experience working on technical projects involving mapping and design. My work with tools such as Next.js and Figma has given me experience in creating technical drawings and documents, which aligns with your requirement for assisting in the production of engineering drawings and maps.

- **Collaboration and Problem Solving:** My experience in collaborative environments, such as working on the Ground Support System for the UVic Rocketry team, has equipped me with problem-solving skills. I have worked with cross-functional teams, developed tools, and addressed technical challenges similar to those in municipal infrastructure projects.

I am enthusiastic about the opportunity to bring my skills to the City of Victoria and contribute to important projects that benefit the community. I would appreciate the opportunity to discuss my qualifications further and look forward to the possibility of joining your team.

Sincerely,

Arfaz Hussain

Arfaz Hossain (He/Him)
Software Engineering Student,
University of Victoria