

**DIVJOT VIRDI**

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Trulioo Information Services Inc.

400-114 E 4th Ave

Vancouver, BC V5T 1G2

Re: Junior Software Engineer Co-op Position

Dear Hiring Manager,

“Is there a better way to do this?” — this powerful question has been the driving force behind my journey through challenging math contests, igniting my passion for innovative problem-solving. Over the years, this passion for innovative thinking and my think-outside-the-box attitude led me to pursue a Combined Major in Mathematics and Computer Science at the University of British Columbia (UBC), where I embraced a mindset of questioning traditional problem-solving approaches while honing my creativity and critical thinking skills. Now, I aspire to be part of an environment where I can apply my knowledge to solve real-world issues and constantly push my skills to new heights. With my passion for programming, love for technology, and hunger to build creative projects, I am eager to join the Trulioo team and create innovative technologies that connect people together.

Having reviewed the job description and requirements, I am confident that my skills and experiences align well with the requirements of the position. Through my courses at UBC, I have gained proficiency in programming languages such as Java, C, and C++. In a Software Construction course, I learned the fundamentals of Object-Oriented Programming and Design Patterns by challenging myself to build a Java-GUI Phonebook application from scratch within three weeks. I built this project like an app that allows users to store, retrieve, or modify their contacts and keeps track of their calling history. I also used JUnit testing framework to increase the robustness of my application. My experience in building intuitive and responsive user interfaces, my ability to quickly learn and apply new languages, and my commitment to writing secure, tested, and maintainable code will help me deliver features that enhance the user experience at your company. I also had a chance to build a Treasure Map Generator in C++ as a part of my Data Structures and Algorithms course, utilizing data structures such as stacks and queues to store the nodes (visited cells) as well as traverse my maze using a depth-first search algorithm. I am currently working on building a Chrome Extension using JavaScript ES6, React, and Node.js to simplify the process of editing cover letters for job applicants. This project showcases my ability to create user-friendly interfaces, employ modern web technologies, and handle API integration using a back-end server which are skills that are particularly relevant to this role. These projects have fostered my detail-oriented and independent work approach, which will aid me in contributing to Trulioo’s success.

Furthermore, my extracurricular activities have helped polish my non-technical skills as well. As an active volunteer in my community since high school, I had a chance to bring my community together by organizing the Vancouver International Children's Festival, where I recruited and coordinated 18 student volunteers by holding interviews, advertising the festival on social media, and answering guest inquiries. My volunteer endeavours have strengthened my leadership, collaboration, time management, and communication abilities—qualities that will enable me to take ownership of projects, drive data-focused results, and make a direct impact on customers at your company.

With a keen interest in 3-D technology, AI, and machine learning, I am thrilled at the prospect of advancing my skills in Trulioo’s dynamic and supportive environment. The opportunity to learn from diverse innovators is invaluable to my professional growth, as it will help me create impactful solutions that directly influence customers. Thank you for dedicating your time to review my application—I eagerly anticipate the possibility of an interview where I can discuss in further detail how I can contribute to Trulioo’s team as a Software Engineer.

Sincerely,

Divjot Virdi