

5178 Dunbar Street  
Vancouver, BC V6N 1V7

April 4, 2022

Visier Inc.  
858 Beatty St #400  
Vancouver, BC V6B 1C1

Dear Hiring Committee,

Please consider my application for the student software developer co-op position at Visier, as advertised under your website's career page. I am currently a third year BCS (Computer Science) student seeking to gain experience in the industry and contribute to your company vision. My experience with Java, JavaScript, and web technologies like HTML and CSS make me a great fit for writing and debugging production level code.

As you can see in my enclosed resume, I created a Book Management desktop application in Java that allows users to add, remove and sort through their personal book collection. The app includes save and load functions for user files, stored as JSON data. I also designed JUnit tests to ensure precise execution of user stories. This project helped me gain foundational skills in object-oriented and test-driven programming. My other projects include a JavaScript Snake Game that makes use of HTML and CSS for formatting and layout. The latter developed my proficiency with CSS grid and flexbox. I am also familiar with several data structures and algorithms, including binary search trees, hash tables, linked lists and graphs.

I also believe my personal values mesh with the company culture that Visier strives toward. Specifically, the motto, "Never stop learning" spoke to me, because I enjoy self-educating and expanding my knowledge-base. For example, in my free time, I have read some great books, including *Grokking Algorithms* by Aditya Bhargava and *Code: The Hidden Language of Computer Hardware and Software* by Charles Petzold.

Given the opportunity, I sincerely look forward to contributing to the platform that Visier has built. To arrange an interview with me, please contact my Co-op office at [science.coop@ubc.ca](mailto:science.coop@ubc.ca).

Best regards,

Dhara Bhatt

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**Dhara Bhatt**  
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<b>OBJECTIVE</b>	Co-op position in software development to gain meaningful experience
<b>WEB DEVELOPMENT SKILLS</b>	<ul style="list-style-type: none"><li>• Designed a non-functional Google homepage replica using HTML and CSS</li><li>• Produced a Snake game that keeps track of score and plays instrumental background music (HTML, CSS and JavaScript)</li><li>• Used CSS flexbox and grid</li><li>• Developed a philosophy webpage that allows the user to explore various thought experiments</li><li>• Utilised the swup library for effective page transitions</li></ul>
<b>JAVA SKILLS</b>	<ul style="list-style-type: none"><li>• Created a Java desktop book manager that allows the user to add, remove and sort through their book collection (with object-oriented design principles)</li><li>• Implemented a graphical user interface using the Java Swing library with event handling</li><li>• completed CPSC 210 at The University of British Columbia (Java-based OOP course)</li></ul>
<b>COMMUNICATION SKILLS</b>	<ul style="list-style-type: none"><li>• Provide customer-facing retail sales support at Hudson's Bay</li><li>• Volunteered at SAM Aphasia clinic and worked with aphasia patients using communication skills like keywording and repetition</li><li>• volunteered as the McMaster Arts for Children coordinator and developed and ran craft games with elementary school children</li></ul>
<b>EDUCATION</b>	University of British Columbia Bachelors in Computer Science (BCS), Sep 2021 - present McMaster University BA in Honours Philosophy, Sep 2016 - Dec 2020
<b>EMPLOYMENT</b>	Retail Sales Associate (part-time 2016 - 2020) — Hudson's Bay, Ontario
<b>REFERENCES</b>	Available on request