**I like to collaborate on projects.**

"I was working on a software development project with a team of three other engineers. During the planning phase, I suggested implementing a new feature to enhance user experience. After discussing the idea with the team, we decided to conduct a quick prototype to test its feasibility. I took the lead in coding the prototype while my teammates provided valuable feedback and suggestions.

As we progressed, we encountered a technical challenge related to data synchronization between the frontend and backend systems. One of my colleagues proposed a solution based on a library they had used in a previous project. We integrated the library into our codebase and conducted thorough testing to ensure its effectiveness.

Throughout the project, we held regular meetings to discuss our progress, address any issues, and refine our approach. By leveraging each other's expertise and collaborating closely, we successfully implemented the new feature within the project timeline. This experience reinforced the importance of teamwork and communication in achieving our common goal."

**I am curious.**

"I decided to learn Python, a programming language I hadn't used before. As I started diving into tutorials and documentation, I noticed that Python's syntax was significantly different from the languages I was familiar with, such as Java and C++. However, I found Python's simplicity and readability intriguing. As I experimented with writing code in Python, I discovered its powerful libraries for data manipulation and analysis, which opened new possibilities for me in my projects. This experience sparked my curiosity further, motivating me to explore other programming languages and tools to broaden my skill set."

"I decided to delve into learning Swift, a new programming language for iOS app development. As I began experimenting with Swift syntax and features, I noticed how its type safety and interoperability with Objective-C streamlined the development process. As a result, I found myself rapidly prototyping a small iOS application that showcased Swift's power in handling complex logic while maintaining code clarity. This hands-on experience not only expanded my programming language repertoire but also reinforced my belief in the importance of staying curious and exploring new technologies."

**I like to solve problems and am a natural problem solver.**

I decided to streamline my workflow by learning regular expressions (regex) and Bash scripting. After some research, I found that using regex and Bash scripting could significantly improve my efficiency in managing Git repositories. I noticed that I was spending too much time executing repetitive commands in the terminal while working with Git.

So, I dedicated some time to learn regex and Bash scripting. I studied tutorials, read documentation, and experimented with small scripts. Once I felt comfortable with the basics, I embarked on creating a Git Bash script that would automate several common tasks I performed during my Git workflow.

As I wrote the script, I encountered various challenges such as understanding the nuances of regex patterns and ensuring that the script handled edge cases gracefully. I iterated through several versions, testing each one rigorously to ensure its reliability and effectiveness.

Finally, after several iterations and refinements, I successfully developed a Git Bash script that streamlined my Git workflow. With a single command, I could now perform multiple Git operations efficiently, saving me valuable time and reducing the chance of errors in my workflow. This experience not only enhanced my technical skills but also reinforced my passion for solving problems through creative solutions.

**I’m detail oriented.**

I was reviewing a piece of code and noticed a small discrepancy in the variable naming convention. Upon investigating further, I realized that the inconsistency could potentially lead to confusion in the future. I took the initiative to correct the naming convention throughout the codebase to ensure consistency and maintain clarity for anyone who works on the project.

**Behavioural Question: You've a tight deadline and lots of projects. What do you do?**

I recently encountered a situation where I had a tight deadline and multiple projects to manage simultaneously. *To handle this effectively, I prioritized my tasks based on urgency and importance.* First, I assessed each project's requirements and deadlines, then *I created a detailed plan outlining the steps needed to complete them on time*. I made sure to *communicate with my team members*, discussing the workload distribution and seeking their input on the best approach to tackle the projects efficiently. I also identified potential areas where I could streamline processes or *automate repetitive tasks* to save time. By leveraging tools and technologies available to me, I optimized my workflow and increased productivity. Throughout the process, I remained flexible and ready to adapt to any unforeseen challenges that arose. Additionally, I managed my time effectively by setting aside specific blocks for focused work while also allowing for short breaks to maintain mental clarity and avoid burnout. By maintaining open communication, staying organized, and managing my time wisely, I successfully met the deadline while ensuring the quality of work remained high.

**Behavioural Question: A time when you saved the day! I worked as a front end in react typescript rocketry software project.**

In our rocketry software project, I encountered a critical bug in the React TypeScript code that was causing erratic behavior during simulation. Instead of panicking, I methodically traced through the codebase, identified an issue with state management, and realized a key variable was not being updated correctly. I promptly fixed the bug, ran thorough tests to ensure stability, and the next simulation showed flawless results. By addressing the issue swiftly and accurately, I saved the day and ensured our project stayed on track.

**Behavioural Question: You worked w a difficult person. How did you handle it?**

I once worked with a colleague who had a very *confrontational communication style*. Whenever we had discussions or meetings, this person would often interrupt others, dismiss different viewpoints, and become defensive when receiving feedback. In response to this challenge, I first tried to understand their perspective. I observed that their behavior seemed rooted in a desire to assert dominance and control the conversation rather than a genuine intention to collaborate.

To handle the situation, I adopted a *calm and diplomatic* approach. During meetings, I made a conscious effort to actively listen to their viewpoints without becoming defensive myself. I acknowledged their contributions and attempted to steer the conversation towards a more constructive and inclusive direction. Additionally, I found opportunities to address the behavior privately. I approached the individual in a non-confrontational manner, expressing my observations and concerns while also emphasizing the importance of effective collaboration and respectful communication within the team.

Over time, by consistently modeling positive communication behaviors and maintaining open lines of dialogue, I noticed a gradual improvement in their demeanor. While the change didn't happen overnight, our interactions became more constructive, and the overall team dynamic improved as a result.

**Tell me about yourself.**

Well, I've always been passionate about problem-solving and technology. During my time in college, I actively sought opportunities to apply my skills outside the classroom. One incident stands out to me: I was part of a hackathon where we had to develop a mobile app to address a local community issue. Despite being new to app development, I took the initiative to lead my team, leveraging each member's strengths to deliver a solution. Through collaboration and perseverance, we created an app that helped streamline access to essential resources for homeless individuals in our city. That experience reinforced my belief in the power of technology to drive positive change, and it's something I carry with me as I continue to grow as a software engineer.

>> Success

I have been \_\_\_\_

>> Strength

My true strength is \_\_\_\_ (my ability to truly understand)

>> Situation

What I am looking for is \_\_\_\_ (a company where I can add value to)

Run criminal record checks, instant identity checks, and employment verification from 200+ countries and territories. With Certn, you can confidently open up your business to a world of opportunity.

\*\*Success:\*\*

I have been deeply immersed in my Computer Science studies, constantly seeking opportunities to apply theoretical knowledge to practical projects. Through internships and personal projects, I've successfully developed software solutions and collaborated with teams to achieve common goals.

\*\*Strength:\*\*

My true strength is my ability to truly understand complex technical concepts and translate them into practical applications. I possess a knack for dissecting intricate problems, which enables me to devise efficient and effective solutions. This ability has not only fueled my academic achievements but also empowered me to contribute meaningfully to team projects.

\*\*Situation:\*\*

What I am looking for is a company where I can add value by leveraging my skills and enthusiasm for software development. I am eager to join a team that fosters innovation and encourages continuous learning. By being part of such a dynamic environment, I aim to contribute to impactful projects while furthering my growth as a software engineer.

https://learninginmotion.uvic.ca/myAccount/co-op/postings.htm

**Why did you choose your particular academic program? What do you enjoy most about it and what do you find challenging?**

* **combines my lifelong fascination with technology**, **passion for creative expression**
* **Building computers since childhood**
* **Crafting small websites**
* **Developing games in high school**,
* I've always enjoyed exploring the possibilities of technology. What I find most enjoyable about my program is the opportunity to delve deeply into software development, learning new technologies, and creating innovative solutions. Working with graphics and designing interfaces is particularly rewarding as it allows me to blend technical skills with my love for visual aesthetics. However, staying updated with evolving technologies and balancing theoretical knowledge with practical application pose ongoing challenges that I find both demanding and fulfilling. Overall, my academic program provides a dynamic environment where I can continuously learn and grow while pursuing my interests in technology and design.

**What is something you have achieved within the past year that you are really proud of?**

As a Software Engineering student, I've achieved several milestones over the past year that I'm truly proud of. I've actively participated in multiple projects, worked in two clubs at my University, had the chance to collaborate with talented individuals, expanding my network within the field.

**Please tell us about any work experience, volunteering or extracurricular activities that may have prepared you to work at Enbridge. How do you feel it has prepared you to excel?**