Job Title: IT Summer Student - Cybersecurity
Reporting To: Senior Security Specialist
Location: Calgary, Alberta

Job Summary - Baytex Energy is seeking a motivated and detail-oriented summer student to join our cybersecurity department. This role provides hands-on experience in the fast-paced world of energy sector cybersecurity and offers an opportunity to contribute to meaningful projects that support our mission to safeguard critical assets and data.

The successful candidate will work alongside our cybersecurity team, gaining insight into industry practices and frameworks while assisting in various initiatives, such as enhancing our security posture, streamlining operations, and supporting ongoing projects.

Key Responsibilities

- Security Operations Support:
    - Assist with monitoring and analyzing security alerts and incidents from tools such as Arctic Wolf, Microsoft Defender, and other security platforms.
    - Support vulnerability scanning activities, assist in interpreting CVE scores, and help track risk remediation progress.
- Policy and Compliance:
    - Review and assist in updating cybersecurity policies, procedures, and documentation.
    - Assist with risk assessments by gathering data from interviewing internal and external stakeholders.
- Security Awareness:
    - Assist in creating and developing content for quarterly cybersecurity training campaigns using platforms like Knowbe4.
- Identity and Access Management (IAM):
    - Support user access audits and ensure adherence to IAM best practices, including privileged account management and MFA enforcement.
    - Assist with documentation and testing of IAM processes, such as role-based access controls (RBAC), SSO integrations, etc.
    - Support with account onboarding/offboarding, cleanups, etc.
- Project Support:
    - Contribute to various cybersecurity projects.
    - Help test and document new security tools and processes.
- General Administrative Support:
    - Maintain logs and documentation for cybersecurity incidents and remediation activities.
    - Organize and prepare materials for team meetings, presentations, and training sessions.

Qualifications

- Enrolled in a post-secondary program (e.g., Computer Science, Information Technology, Cybersecurity, or a related field).
- Basic understanding of cybersecurity concepts, such as threat detection, IAM, or vulnerability management, cloud computing, etc.
- Familiarity with tools like Microsoft Office 365 (Word, Excel, PowerPoint, Teams, SharePoint, OneDrive).
- Excellent written and verbal communication skills.
- Analytical mindset with strong attention to detail and problem-solving abilities.

- Ability to work independently and collaborate within a team environment.
- Knowledge of cybersecurity framework, protocols, tools, etc.
- Familiarity with security tools such as Microsoft Defender, Knowbe4, or Arctic Wolf.
- Experience with scripting or programming (e.g., Python, PowerShell) is a plus.
- A strong passion for technology with an interest in cyber current events.

What We Offer

- Hands-on experience in a real-world cybersecurity environment within the energy sector.
- Mentorship from experienced cybersecurity professionals.
- Opportunity to develop and showcase your skills in a dynamic and collaborative setting.

Students can apply by forwarding your resume and unofficial transcript to
resumes@baytexenergy.com

Closing Date: February 21, 2025