

# BRYAN MEYER

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## EDUCATION

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### Thompson Rivers University

*Bachelor of Computing Science*

May 2022 – Current

### Southern Alberta Institute of Technology

*Information Technology - Software Development GPA: 3.96 (75% complete)*

Calgary, AB

Jan. 2021 – April 2022

- Developed various web apps using Java, JSTL, HTML, CSS, and Maven
- Built various static websites using JavaScript, HTML, and CSS
- Created static websites that call third-party APIs and deliver content using JS
- Wrote SQL and PL/SQL scripts, triggers, functions, and queries
- Designed, modeled, and normalized basic databases
- Implemented various data structures and algorithms in Java
- Created various Java apps with R/W functionality as part of a group

### North-West University

*Master of Science in Environmental Science GPA: 4.0*

- Worked closely with multiple stakeholders to define requirements and set project goals
- Performed research on industry standards, methodologies, and implementations related to a multi-million dollar mine closure project

## EXPERIENCE

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### Information Technology Intern

Sep. 2021 – Dec. 2021

*Lyryx Learning*

Calgary, AB

- Modified existing bash script to automate cleaning up error backup volumes, saving approx. 2-3 hrs. of manual work per week
- Wrote a custom Nagios plugin in Python to monitor servers, increasing visibility into server status
- Extended Nagios monitoring to additional servers and services
- Wrote a Python script to automate checking the available space on server volumes, improving system admin workflow
- Assisted with the installation and testing of a new security software suite on servers and endpoints
- Monitored backups for successful execution

## PROJECTS

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### Home nVentory | Java, Maven, HTML, JPA, MySQL

2022

- Developed a back-end focused Java web application to allow users to track inventory
- Used JPA ORM to convert entities to model classes and to persist and retrieve objects from a MySQL database
- Implemented security features such as account email confirmation, authentication filters, and password hashing
- Added account confirmation and password reset emails

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript, PL/SQL, HTML, CSS

**Frameworks & Libraries:** Spring Boot, JUnit, React, JPA, Maven, Thymeleaf, JSTL, Mocha, Bootstrap

**Developer Tools:** Git, Github, VS Code, IntelliJ, Eclipse, Netbeans, PyCharm