

BRYAN MEYER

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EDUCATION

Thompson Rivers University

Bachelor of Computing Science

May 2022 – Aug. 2023

Southern Alberta Institute of Technology

Calgary, AB

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

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

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

Rpopular100 Reddit client | React, Redux, HTML, CSS

2022

- Created a lightweight Reddit client using Node.js and create-react-app
- Used React to render and populate post components
- Utilized asynchronous Redux functions to retrieve and store data from Reddit's API
- Built around a Redux store with stateful React components

Inventory Management RESt API | Java, Maven, Spring Boot, Spring Data JPA, JavaScript, Bootstrap

2022

- Utilized Spring Boot to create a restful web API with full CRUD functionality
- Used Spring Data JPA to perform data persistence and retrieval from an in-memory database
- Implemented additional features such as a soft delete and undo delete function
- Built a basic UI using static HTML pages and asynchronous JavaScript

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

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

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

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

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