Parksville, BC
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Bryson Wood

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Education

Kamloops, BC   **Thompson Rivers University**   **2020 | 2024**

- BCS in Computer Science.
- **Relevant Courses**: Software Engineering, Data Structures, Algorithm Analysis and Design, Operating Systems, Mobile Development, Website Development, Calculus, Discrete Mathematics.
- **Awards**: Deans List (3 Semesters).

Employment

Technology Services Analyst   **Government of BC**   **May 2023 – November 2023**
Co-op   Parksville, BC

- Utilized **Jira** to troubleshoot and address both software and hardware issues, ensuring uninterrupted operations for BC Wildfire employees.
- Collaborated with a team to implement hardware and software protocols to ensure smooth technology integration and security compliance.
- Led the conception and development of an automation solution using **Python** that improved day-to-day operational efficiency within the finance department.

Informatics Analyst   **Interior Health**   **January 2022 – May 2022**
Co-op   Kelowna, BC

- Collaborated in a four-member team on clinical improvement projects aimed at enhancing end-user productivity by creating specific solutions to meet individual clinical requirements.
- Developed innovative tools that streamlined data collection processes and reduced ticket resolution times.
- Diagnosed and resolved software-related issues through various communication channels.

Projects

Grocery List Management Application
- Developed a grocery list application in **Kotlin** that enables users to create and manage lists, see pricing of ingredients, as well as cross reference ingredients in recipes to decrease spending.
- Leveraged **Jsoup** to perform web scraping of local grocery store websites, extracting real-time pricing data for some ingredients.
- Stored pricing data in an **SQLite** database to be retrieved later.

Discord Bot for Final Fantasy XIV
- Currently developing a Discord bot using **Node.js**, leveraging the Discord.js library, to allow users to have a way to interface with data from the XIVAPI through Discord.
- Utilized **Axios** for efficient HTTP requests to the API, enabling real-time data retrieval.
- Handled API responses by presenting them in a way that is readable and easily retrievable by the user.

Technical Skills

- Languages: Java, Kotlin, Python, C, C#, HTML/CSS/Javascript, SQL, Bash
- Tools: Git, Gradle, SQLite, Jira, CI/CD, Agile
- Frameworks/Libraries: Node.js, Jsoup