WILLIAM RAMSAY

@ WilliamWRamsay@yahoo.com   📞 (+1) 250-302-9268   in William Ramsay

EXPERIENCE

Computer Science Teaching Assistant
University of Northern British Columbia

📅 September 2022 - April 2023

- Supervised and provided support to students in lab activities.
- Coordinated with other teaching assistants and the supervisor to ensure marking and teaching are consistent.
- Reviewed and marked student's source code, midterms and design documents.
- Marked for correctness, documentation and test cases while maintaining fair marking and watching for plagiarism.

Administrative Assistant
Ministry of Forests

📅 Summer 2021 & 2022

- Helped organize and catalog information for the government, including finances and records.
- Worked in the TEAMS program (Temporary Emergency Assignment Management System) helping the Williams Lake Fire Centre for four weeks working twelve-hour days. Made the incident action plan for the fire centre daily.

Director at Large
UNBC Student Society

📅 November 2020 - March 2021

- Represented and advocated for students at all levels within the UNBC community and administration.
- Worked with other members of the student society to review proposals and vote on key issues related to the Society's mandate.
- Member of both monetary affairs and teaching space optimization committees.

Secretary
UNBC Fencing Club

📅 January 2019 - April 2020

- Diligently recorded accurate and comprehensive minutes during executive team meetings.
- Contributed in the event planning process, providing valuable input and ideas to enhance the overall experience for club members.
- Helped with the development and implementation of promotional strategies for club activities.

COURSEWORK

- Programming Languages
- Software Engineering
- Artificial Intelligence
- Machine Learning
- Operating Systems
- Advanced Database Systems
- Algorithm Analysis & Development

EDUCATION

Bachelors of Science
Major in Computer Science
University of Northern British Columbia

📅 2023

SKILLS

Java   Python   SQL   C   C#
Git   LaTeX   Linux

PROJECTS

Reddit Sentiment Analysis RNN

📅 2023

- Worked with a team in Python to create a recurrent neural network (RNN) that judges the sentiment of text.
- The program would scrape subreddits and then, predict the sentiment of the comments.
- The program would then output the sentiment of each comment.

Frequent Pattern Growth Algorithm

📅 2023

- Implemented the data mining algorithm frequent pattern growth in Java.
- The Algorithm uses trees and the divide and conquer approach to find frequent patterns in the provided data set and minimum support.
- Outputs the frequent patterns and the time it took to produce the result.

COMPETENCIES

Critical Thinker   Fast Learner
Cooperative   Dependable

INTERESTS

- Building Computers
- Trading cards & board games
- Computer games & software
- Weight lifting