

# Caleb Mueller

British Columbia  
(778) 266-6601  
ctwmueller@gmail.com

Self-motivated engineering student with strengths in data analysis, 3D modeling, and numerical methods. Skilled in collecting and analysing data, conducting numerical analysis, and developing 3D printed solutions to engineering challenges. Passionate about applying analytical and technical skills to develop innovative and sustainable engineering projects. Currently looking for 4 month work terms during the summer of 2024.

## PROFESSIONAL EXPERIENCE

### UNIVERSITY OF NORTHERN BRITISH COLUMBIA

Student Researcher

Prince George, BC  
September 2023–Present

- Design climate-adapted 3D modeled bat houses using thermal simulation
- Improving habitats for the endangered Little Brown Bats
- Apply CAD modeling, thermal analysis, and 3D printing skills

### CANADA REVENUE AGENCY

Administrative Support Clerk

Calgary, AB  
May 2022–September 2022

- Prepared tax correspondence and notices for mailing to taxpayers
- Reset and troubleshooted call centre agent smartphones
- Showed initiative in finding solutions to technical problems

Administrative Assistant

May 2021–September 2021

- Entered employee schedules, leave, and vacation balances in an HR database
- Maintained spreadsheets for managers and prepared reports

### STRATEGIC NATURAL RESOURCE CONSULTANTS

Assistant Development Technician

Prince George, BC  
May 2019–August 2019

- Conducted boundary and road layout, and riparian assessments
- Navigated blocks to identify and delineate buffer zones around streams
- Collected field data and gained skills in GPS use and field safety

## EDUCATION

### UNIVERSITY OF NORTHERN BRITISH COLUMBIA

Bachelor of Applied Science in Environmental Engineering

Prince George, BC  
September 2020–April 2025

## VOLUNTEERING

### SPARK LAB

Assists in operational and promotional activities for Spark Lab, a maker lab based out of UNBC that allows students to innovate and create personal projects using CAD, 3D printing, and other manufacturing techniques.

Prince George, BC  
January 2024 - Present

## AWARDS/HONORS

### UNBC UNDERGRADUATE RESEARCH EXPERIENCE

2024

Grant Award Winner

### ENGINEERING STUDENT ASSOCIATION

2022

Logo Design Competition Winner

### GOLDEN KEY INTERNATIONAL HONOR SOCIETY

2020

Member