

MADISON KENDALL

maddy.h.kendall@gmail.com | (403) 596-9306 | Calgary Metropolitan Region, AB

EDUCATION

Athabasca University, Faculty of Science and Technology

Calgary, AB

Bachelor of General Science | Geoscience

September 2019 – Present

- Honors List January 2021
- AUSU Student Volunteer Award, 2022

Northern Alberta Institute for Technology, School of Applied Sciences and Technology

Edmonton, AB

Computer Software Development with Honors

September 2017 – April 2019

- Dean's Honor Roll 2017 – 2019
- Capstone Project: Optimized the project plan and schedule to ensure the team met deadlines, liaised with the client to discuss project features, and developed project deliverables, including but not limited to, a transfer package containing environment setup instructions, UML architecture diagrams, user instructions, and system documentation.

EXPERIENCE

Undergraduate Researcher

September 2023 – Present

Athabasca University Faculty of Science and Technology

Remote

- Developing an undergraduate research thesis in physical geography at the intersection of wildfire and snowpack interactions via computer modelling, geospatial analysis, and statistical analysis under the guidance of Dr. Frédérique Pivot, using the computer model SnowModel, QGIS, Excel, and Zotero.

Emergency Management Intern

July 2023 – Present

Kenneth Kendall Consulting

Remote

- Working in a team to develop an Emergency Management Plan and Emergency Social Services Plan for a county of 2,100 residents in Alberta following emergency management and Incident Command System best practices.

Science Communicator

October 2020 – September 2023

Self-Employed

Remote

- Published 135 articles through Medium's Partner Program covering environmental science and sustainability, data science, and software engineering for online publications with 2,000 – 700,000+ subscribers.

Project Support Officer

January 2021 – June 2022

Markanyx Solutions Inc.

Remote

- Managed, wrote, and delivered 10 unique proposals for RFPs while adhering to strict deadlines, critical proponent requirements, and quality control standards, using Microsoft Office, Excel, PowerPoint, and Outlook.

VOLUNTEERING

Search and Rescue Team Leader

Calgary, AB

Calgary Search and Rescue Association

2020 – 2023

- Lead teams to conduct successful ground search and rescue operations in southern Alberta as a certified Search and Rescue Team Leader.
- Educated the public about the prevention of incidents requiring search and rescue, and instructed members in navigation techniques (map, compass, GPS).

SKILLS

- **Skill Area:** Science Communication, Scientific Research, Project Planning & Management, Data Analysis