

MADISON KENDALL

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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: Collaborated with a team to design and optimize a mobile-friendly talent screening tool for a client. Within the team, optimized the project plan and schedule, liaised with the client to establish product features, and developed project deliverables, including a transfer package containing environment setup instructions, system 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 studying the impacts of wildfires on Canadian snowpacks via computer modelling, geospatial analysis, and statistical analysis.

Emergency Management Intern

July 2023 – December 2023

Kenneth Kendall Consulting

Remote

- Worked 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 the Medium 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, researched, and authored, 10 unique proposals for RFPs using Microsoft Office, Excel, PowerPoint, and Outlook.
- Conceptualized and developed e-learning course content.
- Managed company social media accounts, produced social media content, and wrote company blog posts.

Search and Rescue Team Leader

Calgary, AB

Calgary Search and Rescue Association

2020 – 2023

- Led 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 trained team members in navigation techniques (map, compass, GPS).

SKILLS

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