
Michael Kummer

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EDUCATION

UNIVERSITY OF ALBERTA

SEPT 2023 – MAY 2026 (EXPECTED)

Bachelor of Arts

Edmonton, Alberta

Major: Economics **Minor:** Mathematics & Computer Science

Focus: Data Science, Applied Microeconomic Models, Programming Methodologies, Statistical Methods.

UNIVERSITY OF ALBERTA

SEPT 2018 – MAY 2023

Bachelor of Arts

Edmonton, Alberta

Major: Psychology & History

Focus: Behaviour Analysis, Historical Analysis & Documentation, Research Methods & Statistics.

WORK EXPERIENCE

UNIVERSITY OF ALBERTA STUDENTS UNION

SEPTEMBER 2022 - PRESENT

Admin Assistant, EDMONTON AB

- Process and log up to \$75 000 worth of rent and cheques daily.
- Log back-end office supplies for reordering and manage internal schedules.
- Address and resolve student issues through a VoIP telephony system.
- Assist with other reception-related duties as required.

TELUS WORLD OF SCIENCE

APRIL 2024 – AUGUST 2024

Assistant Volunteer Coordinator, EDMONTON AB

- Recruit 50 volunteers across two recruitment cycles.
- Draft/review naloxone protocols for institutional compliance and emergency preparedness.
- Reinvigorate the program by creating a seniors focus group to research post-covid program changes.
- Lead volunteer research on post-covid volunteer program management to apply for \$25,000 in grants.
- Assist with other general HR-related duties as required.

EXPLORE EDMONTON

JUNE 2022 – AUGUST 2022

Kdays Volunteer Services Summer Intern, Edmonton, AB

- Responsible for 200 volunteers working day to-day during overtime shifts.
- Resolved volunteer issues with other managers through clarifying and modifying volunteer roles.
- Communicated with 200 volunteers through bi-weekly newsletters.
- Keep records of K-days volunteer statistics through Volgistics and Excel for future use.

UNIVERSITY OF ALBERTA STUDENTS UNION

JULY 2020 – MAY 2021

Safewalk Coordinator, Edmonton, AB

- Responsible for recruiting, training, and maintaining 75 volunteers.
- Recreate a beloved service's image on campus through marketing campaigns.
- Ensure a budget of \$10 000 is adhered to through thorough preplanning of the year.
- Keep volunteer morale high by implementing volunteer reward programs.
- Ensure high client satisfaction through thorough training and development programs.
- Modernize a pre-covid volunteering system through policy overhauls and data analysis.

VOLUNTEER EXPERIENCE

UNIVERSITY OF ALBERTA'S STUDENTS UNION

JUNE 2024 – PRESENT

Student Adjudicator, EDMONTON AB

- Critically read and rate student granting applications based on event and operations abilities.

VICTORIA SETTLEMENT

SEPTEMBER 2022 – DECEMBER 2022

Hist 460 CSL Placement Student, EDMONTON AB

- Research 19th-century land titles and compile large volumes of data into excel.
- Synthesise the semester's land title research into a presentation for use in tours.

RUN TO RED DEER

AUGUST 2020 & 2021

Philanthropy Chair, EDMONTON AB

- Lead a committee of 6 members through coordinating and setting up weekly meetings.
- Fundraise \$6 434 through planning and executing a charity run

RELEVANT PROJECTS

VOLUNTEER CONNECTOR PROJECT (IN PROGRESS)

2025

- Automated daily capture of volunteer postings across Canada using the Volunteer Connector API.
- Stored locally using an SQLite3 Database.
- As trends emerge for categories, they will be visualized using a Plotly dashboard.
- Aims to understand when non-profits post postings, what is being posted, and what is filled quickly.

REENGAGING SENIOR VOLUNTEERS POST-COVID

2025

- Analyzed Alberta Government survey data to identify senior volunteers.
- Created visualizations displaying demographic differences in volunteer motivations.
- Developed actionable recommendations for non-profits.
- More info at MichaelKummer.ca.

TECHNICAL SKILLS

- Technical: Advanced Excel (VBA, PivotTables), Python (For data analytics and web scraping), Julia, C, Statistical Analysis (OLS, DID, Random Forest), SQL, Basic HTML/CSS
- Research: Survey Design, Data Collection & Visualization, Report Preparation, Presentation Development
- Software: Microsoft Office Suite, Google Workspace, Volgistics