

TECHNICAL SKILLS

- **Languages:** Scheme, Python, C, R, SQL
- **Tools/Environments:** Power BI, Microsoft Excel, Google Workspace, IDEs, VSCode, RStudio, Git

PROFESSIONAL EXPERIENCE

Backpacker College

System Administrator

Waterloo, ON

September 2021 - Present

- **Large-Scale System Management:** Tasked to continuously improve and maintain digital curated Backpacker College content within new and established systems.
- **Automation and Integration:** Responsible for building over 25 listings weekly and creating automation scripts to streamline their integration with partner platforms such as Guesty, AirBnB, TripAdvisor and VRBO.
- **Customer Correspondence:** Involved in the interaction and fulfilment of bookings with potential backpackers and room providers alike.

Rise in STEM

Research and Evaluation Assistant

Toronto, ON

August 2021 - Present

- **Data Collation:** Responsible for research and data collation on delegated projects.
- **Membership Support:** Providing support for general members transition into post-secondary and the workforce.
- **Personnel Management:** Responsible for connecting general members to our community networks and various provided support systems in a fast-paced startup environment.

PROJECTS

- **Population Data Exploration:** Created data-set from multiple sources on COVID-19 and general population data
Python (NumPy, Pandas, BeautifulSoup4, Sklearn,)
 - Ranked countries based on their happiness index gotten from the 2021 World Happiness Report.
 - Webscrapped through dynamic sites/databases to get real-time updates on recorded COVID-19 statistics.
 - Cleaned up data from all sources to only include relevant information in the resulting data-set.
- **Personal Finance Dashboard:** Visualization of inputted monetary data
Excel (Pivot tables, Formulas), Power BI (Queries)
 - Designed an interactive, customizable dashboard to visualize income, spending and budget on a month to month basis.
 - Integrated a separate simple excel worksheet to make data insertion intuitive.
 - Implemented a minimalist design that highlights only the most important data first.

VOLUNTEER EXPERIENCE

University of Waterloo and Wilfrid Laurier's Double Degree Club

Director of Finance and Internal Affairs

Waterloo, ON

January 2021 - April 2021

- Keeping an up-to-date record, in Excel, of all the transactions made and the purpose of all expenditures.
- Maintaining detailed financial records and handing club reimbursements.
- Constructing a budget to be approved by Mathsoc and Laurier SU, and adhered to by the club for the term.

Y.M.C.A

Newcomer Youth Leadership Development Mentor

Toronto, ON

September 2019 - July 2020

- Responsible for tutoring and mentoring newcomers and at-risk youth.
- In-charge of planning and directing company events, including budgeting and venue sourcing.

EDUCATION

University of Waterloo

Bachelor of Mathematical Economics

Waterloo, ON

Expected Graduation: 2024