

Riley Wheadon

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<https://rileywheadon.github.io/>

Skills

- **Programming:** Python, R, LaTeX, Javascript, HTML5, CSS3.
- **Competences:** Linear algebra, calculus, statistics, data science.
- **Interpersonal:** Public speaking, leadership, communication, teamwork.

Education

University of British Columbia - *Dual Honors, Mathematics and Computer Science* SEP 2022 - APR 2026

- Overall average of **92% (A+)**
- Selected courses: MATH 223 (Honors Linear Algebra) - **95**, MATH 100 (Differential Calculus) - **94**, CPSC 110 (Systematic Program Design) - **88**, DSCI 100 (Introduction to Data Science) - **92**.

Westmount Charter School - *High School Diploma* SEP 2019 - JUN 2022

- *Team Captain* - Track and Field (2022), Cross Country Running (2019-22)
- *Director* - WCS Model United Nations (2021-22)

Positions

University of British Columbia - *Teaching Assistant* SEP 2023 - PRESENT

- Provided supplementary instruction during MATH 100 (Differential Calculus) workshops.
- Worked to develop students' mathematical communication through written assignments.

Minds in Motion Calgary - *Summer Camp Instructor* MAY 2023- AUG 2023

- Planned and delivered 40 hours of lessons per week for campers aged 10-14 on computer programming.
- Worked closely with a team of over 30 instructors to foster a safe and inclusive learning environment.
- Delivered workshops on science and technology for elementary school students across Calgary.

Music Makers Calgary - *Piano Teacher* SEP 2021 - AUG 2022

- Worked with students aged 5-12 to advance their piano studies and cultivate a passion for music.
- Taught students skills such as reading sheet music, maintaining rhythm, and proper piano technique.
- Prepared students for bi-annual recitals in January and June where they performed in front of family and peers.

CALTAF Athletic Association - *Summer Camp Coach* JUL 2020 - AUG 2020

- Supported young athletes in learning the various sports of Track and Field.
- Lead a group of 5-10 campers through various stations, providing instruction and ensuring safety.

Community

Cambridge Manor, Calgary - *Volunteer Pianist* JAN 2021 - PRESENT

- Learning and performing piano music for the residents of the Cambridge Manor nursing home in NW Calgary.
- Provided entertainment to residents throughout the COVID-19 pandemic and during the holiday season.

Awards

- **Alexander Rutherford Scholarship** (2022)
- **2x Best Delegate** - Canadian High School Model United Nations (2021, 2022)
- **2x Verbal Commendation** - Aberhart Model UN 2019 and Sir Winston Churchill Model UN 2020
- **First Class Honors** - Royal Conservatory of Music Grade 10 Piano
- **3x Calgary Performing Arts Festival Gold** (2018, 2019)