

Madison Sandler

✉ maddisandler@gmail.com

☎ 647-562-5796

🌐 linkedin.com/in/madison-sandler

🎓 Education

Honours Bachelor of Science in Biomedical Science

York University

2024 – 2028

- Dean's Honour Roll in 2024/2025 and 2025/2026
- Relevant Coursework: Statistics, Computer Fundamentals, Genetics, Organic Chemistry, Introductory Biochemistry, Research Methods
- GPA: 8.7/9.0

🧠 Skills

- Lab experience
- Bilingual (English and French)
- Excel and Word
- R-studio
- Research and analysis
- Problem-solving skills
- Data entry
- Micropipetting

📜 Certificates

- **Biosafety** — Issued by York University, May 2026
- **WHMIS 2** — Issued by York University, April 2026
- **French Fluency Certificate** — June 2024

📁 Work History

Undergraduate Volunteer - Kovinich Lab

York University

05/2026 – Present

- Assisted graduate students with their projects and experiments

Image and Video Analyst - Thiemann Lab

York University

05/2026 – 08/2026

- Reviewed infrared video from aerial surveys over Hudson Bay and noted potential sightings of polar bears and marine mammals
- Matched infrared timestamps with synchronized DSLR imagery from corresponding flights to help identify and confirm animal observations

Summer Research Student

University of Guelph, Ontario Centre For Agriculture Research

04/2025 – 08/2025 | Bradford, ON

- Participated in integrated pest management (IPM) research, including monitoring pest populations
- Assisted with onion, carrot, and beet variety trials by planting, maintaining plots, collecting data, and assessing plant performance
- Supported herbicide efficacy trials by identifying weed species, and collecting data on weed growth
- Collected and recorded data in the field, such as plant growth metrics, pest pressure, and crop yield
- Entered and organized research data using Microsoft Excel for statistical analysis and reporting
- Gained foundational knowledge in plant biology, crop ecology, and sustainable agriculture practices

Science, Math, English, and French Tutor

Scholars Vaughan

01/2025 – Present

- Tutored students in math, science, French, and English
- Provided homework assistance using specific curriculum and materials
- Supported students with helpful study habits and exam strategies
- Collaborated with students to complete homework assignments, identify lagging skills, and correct weaknesses

Seasonal Worker

Robintide Farms Ltd.

06/2022 – 10/2024 | King City, ON

- Collaborated with management, and staff
- Customer Service

Volunteer

City of Vaughan

10/2021 – 01/2022 | Maple, ON

- Organized visitor logs during COVID-19 pandemic
- Interacted with members of the public
- Ensured all COVID-19 public health policies were followed