

Montreal, Quebec

## Education

**Concordia University** Montreal, QC

Bachelor's of Science in Physics.

- Specialization in Physics
- Dean's list 2022-2023
- CGPA 3.41

## Professional Experience

**Physics Specialization Capstone** Montreal, QC

- **Research Assistant** August 2025 - December 2025
  - Engineered and executed a controlled experimental framework to isolate critical variables within the SNAPRS system, ensuring high-fidelity data collection.
  - Applied core engineering principles to conduct rigorous data analysis of existing research datasets, identifying trends to validate project hypotheses.

**Physics Department Research Award** Montreal, QC

- **Research Assistant** May 2025 - August 2025
  - Leveraged FreeCAD to design custom components for fiber optic experiments, streamlining the hardware assembly process.
  - Rapid prototyping of experimental designs with 3D printing.

**Concordia University Residence life** Montreal, QC

- **Residence Assistant** August 2023 - present
  - Created a sense of community with new students to campus
  - Learning leadership and time management skills by planning and communicating events with coworkers and event spaces

**Simsbury High School** Simsbury, CT

- **Assistant Rowing Coach** August 2019 - May 2021
  - Created a sense of unity and team dynamic by assisting individuals of varying skill levels to work together
  - Was highly adaptable and catered to the changing needs of the team to lead them to win 4 out of 5 races

**Simsbury School District** Simsbury, CT

- **Maintenance Personnel** June 2018 - August 2023
  - Implemented problem-solving skills by creating solutions to broken machinery and building repair
  - Maintained efficiency by streamlining tool and cleaning
  - Exhibited initiation by anticipating future problems and proactively attending to them

## Skills

- Intermediate knowledge of Programming (Python) and Computers (linux, Arduino, Raspberry Pi)
- Intermediate knowledge of Computer Aided Design Software (FreeCAD)