



Electrochromic Pilot Operator & Research Co-Op Student Positions

Miru Smart Technologies Corp. (“Miru”) is located in Vancouver, BC. Our cutting-edge electrochromic “smart” window technology builds on more than 10 years of academic and industrial research on advanced thin films. We are now bringing smart windows to the smart home and the smart vehicle. Miru’s smart windows will offer a convenient, versatile way to reduce energy consumption and customize almost any environment.

We are looking for engineering and science co-op students to join our growing team. These positions will operate a demonstration plant producing electrochromic devices. We are looking for people with passion and drive who are highly organized and can ensure that our high standard of quality is maintained.

Highlights:

Co-op Work Term:	Fall/Winter 2021
Position Type:	Both Undergraduate and Graduate
Start of Work Term:	Immediate and Jan 2022
Length of Work Term:	Minimum 8 months
Job Title:	Co-op Technician - Electrochromics
Job Location:	Vancouver, B.C. (Olympic Village)
Number of Positions:	Multiple
Frequency:	Bi monthly
Company Type:	Private Business

Responsibilities:

- Operating demonstration pilot plant:
 - Cut, wash, and inspect raw material glass;
 - Prepare material solutions for coating
 - Operate treatment and coating equipment, film curing equipment;
 - Assemble electrochromic devices;
 - Characterize and carefully record relevant material properties for each batch produced;
- Ensuring the manufacturing process is stable, robust, and controlled;
- Performing failure analysis on materials;



- Performing quality control testing, and preparing reports
- Implementing materials into production processes;
- Writing Standard Operating Procedures
- Other duties as assigned.

Considerations:

- Operations will include production on evenings and weekends;
- Significant portion of work time will be in a clean-room environment;
- Operators are required to wear clean room suits AND glass handling personal protective equipment for significant periods of time;
- Some operations will be in a dry-room.

Requirements:

- A co-op position in Engineering or Science.
- 4 months + experience working in a lab environment understanding laboratory safety and protocol including QA and OHS and Environment policies and procedures;
- Exceptional organization, cross-discipline collaboration, and communication skills both written and verbal;
- Demonstrated mechanical aptitude
- Detail-oriented, self-starter, organized, and able to work independently within a strict deadline schedule.

Candidates demonstrating basic understanding of electrochemical cell materials and chemistries and/or thin-film coating experience may be given preference.

Please send CV to:

Attn: careers@mirucorp.com

Use: "Pilot CoOp" in the email subject line.

*8+ month term