

MIRU INTEGRATED ENGINEERING CO-OP POSTING MAY 2025

Do you have a passion for fostering innovation and sustainability in glass technology? If so, we want to hear from you!

Miru is a clean-technology start-up of 50+ employees developing electrochromic windows to reduce greenhouse emissions, increase sustainability and improve energy efficiency. Miru operates a state-of-the-art pilot production facility in Vancouver and is in the midst of constructing a demonstration plant to scale up production of our electrochromic window technology for our architectural and automotive clients. We focus on technical excellence and delivering a high-quality product. For more information about Miru, please visit our website: <https://mirucorp.com/>.

Our **eight-month Integrated Engineering Co-op** opportunity contributes to the development of an autonomous demonstration plant producing electrochromic devices. Your work will fuel cutting-edge research and contribute to groundbreaking solutions.

Throughout this co-op, you'll gain hands-on experience developing and maintaining an R&D electrochromic glass facility and have a direct impact on our innovative projects.

We believe diversity drives innovation which guides our values and success and we hire enthusiastic science and engineering students and technologists who have a background in integrated design along with hands-on experience using hand and power tools. Knowledge of CAD (Solidworks and AutoCAD) is very beneficial.

This work term is ideal for a problem solver that can work proactively to solve theoretical problems, then implement their designs physically. We value innovative thinking, a strong sense of teamwork and individuals who are self-starters, demonstrate close attention to detail, and an ability to work independently within a strict deadline schedule.

The deadline for Miru's May 2025 co-op work term is: Sunday, February 2, 2025.

KEY RESPONSIBILITIES:

As an Integrated Engineering co-op student at Miru, you will work directly with more senior staff on a variety of projects. Tasks and responsibilities for this role may include:

- Assisting with designing and building specialized and custom equipment to support the research and development of electrochromic windows for residential, automotive, and commercial sectors
- Supporting the design and development of an autonomous manufacturing facility
- Preparation of Engineering drawings
- Mechanical & Electrical system design and engineering production support
- Installation, commissioning and maintenance of complex production equipment
- Other duties as assigned

CAREER DEVELOPMENT AND TRAINING:

Our goal is to cultivate the next generation of leading scientists and engineers in the electrochromic field. We provide unique learning opportunities that will allow you to:

- Gain hands-on experience within a workshop environment, advanced lab systems, electrochromic production equipment.
- Exposure to electrochromic and complex laboratory technologies;
- Communicate technical results effectively to multidisciplinary teams;
- Enhance your problem-solving, teamwork, communication, and time management abilities;
- Develop a high proficiency in Google Suite and Excel; and
- Acquire experience in a sector dedicated to sustainability, energy efficiency, and smart building solutions.

Perks and Benefits:

Aside from all of the learning opportunities listed above, here are a few other great reasons to join us for your work term:

- Casual dress
- Social and wellness activities such as rooftop BBQs and curling
- Personal days together with sick and vacation days
- Great location! Easy access to transit, close to seawall, loads of wonderful coffee shops, breweries, restaurants and ice cream/gelato spots within easy walking distance
- Ample bike parking within our facility

HOW TO APPLY:

Please submit your resume and cover letter in one PDF together with a one page example of a project you have designed and/or built yourself (preferably not a group project) to careers@miru.corp with the job title (Integrated Engineering Co-op) in the subject line. **If you attend UBC, UVIC, or SFU, please apply through your University Co-op Portal.**

Examples: Did you design and 3d print something to solve a problem? Have you changed the suspension on a car? Fixed a toaster? Built an irrigation system? Solved a problem using RaspberryPi/Arduino? Woodworking? Metalworking? It can be anything that you yourself have done - show us what interested you enough to dig deeper and figure it out for yourself.

No phone calls please. While we appreciate all responses, only candidates under consideration will be contacted. Please note that only those legally authorized to work in Canada need apply.