

Job Posting: 176837 - Position: S26 Dragon Tamer (aka Project Engineer) 176837

Co-op Work Term Posted:	2026 - Summer
App Deadline	01/23/2026 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/09/2026 10:51 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Takachar
Address Line 1	20 East 45th Avenue
City	Vancouver
Postal Code / Zip Code	V5W 1W7
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Dragon Tamer (aka Project Engineer) 176837
Position Type	Co-op Position
Job Location	Salmon Arm, BC
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	20.0 per hour for 40 Major List
Salary Range \$	\$20.00 - \$30.00
Job Description	

About Us

Takachar helps reduce the impacts of climate change. We have created a small-scale, low-cost, portable machine that can be loaded into the back of tractors and deployed to farms turning crop waste into sellable bioproducts like fuel and fertilizer. Our innovative cost-effective system broadens smallholder farmers' livelihood and business prospects with the generation of additional income through selling these on-demand bioproducts on the market.

The impact? Income and job creation in rural areas, mitigation of CO2 emission and air pollution as well as improved vegetation management mitigating the risks of catastrophic wildfires.

We have been recognized for our work through awards such as Elon Musk's XPRIZE Carbon Removal, Prince William's inaugural Earthshot Prize, Bill Gates' Breakthrough Energy Fellowship, and the UNEP Young Champions of the Earth Award 2020. For more information, visit takachar.com

We are seeking a Project Engineer (aka Dragon Tamer) to work alongside our Project Manager in the testing and deployment of our hardware prototype.

About You

You are a friendly and hardworking team player who is eager to take on new challenges with a background in mechanical/electrical engineering. With a strong mechanical aptitude, you enjoy a hands-on, highly dynamic role in a fast paced environment that keeps you physically active and gets you outdoors (not stuck behind a desk 40 hours a week). You are willing and able to commute daily from our project site on a farm near Salmon Arm, BC (it has no access to public transportation). You don't object to potentially working in shifts (3 days/week, 12-hour shifts; 4 days/week, 10-hour shifts, or 5 days/week, 8-hour shifts).

Responsibilities

- Operating the equipment safely and continuously for a few hours a day under different operating conditions
- Collecting data for remote analysis by our analysts and carbon credit monitoring and verification
- Arranging a steady supply of different types of biomass to ship for our testing
- Expect the unexpected! When the machine breaks, work with our supervisor to devise and implement the most efficient fixes to get the equipment back up and running.

Job Requirements

Qualifications

You will put much of your engineering skills learned at school in practice. Furthermore, you will be trained in rigorous hypothesis driven testing, when machinery does inevitably break. You will learn the basic skills of carbon credit accounting, monitoring, and verification. Finally, you may learn user-centric skills working side by side with marginalized communities and Indigenous youths. You are a friendly and hardworking team player who is eager to take on new challenges with a background in mechanical/electrical engineering industries. With a strong mechanical aptitude, you enjoy a hands-on, highly dynamic role in a fast-paced environment that keeps you physically active and gets you outdoors (not stuck behind a desk 40 hours a week). You are willing and able to commute daily to/from a farm around 20 minutes' drive away from Salmon Arm, British Columbia, Canada that is not accessible by public transportation. (While carpooling may be possible, you'd make everyone's life easier if you have your own vehicle.) Applications are accepted on a rolling basis. The posting will close when all positions have been filled. In addition to applying online, please fill out an additional webform linked below in the "How to Apply" section.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Address Cover Letter to Hiring Manager

Special Application Instructions

How to apply

In addition to applying online, please fill out the following webform:

<https://forms.gle/Zy82mB2vewykxttv6>

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website. Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received. Students should submit their applications as soon as they are ready.