

Job Posting:174013 - Position: W26 3D Machine Learning Engineer (Remote) 174013

Co-op Work Term Posted: 2026 - Winter
App Deadline 10/09/2025 09:00 AM
Application Method: Through UBC Science Co-op
Posting Goes Live: 10/02/2025 03:46 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization Vital Mechanics Research Inc.
Address Line 1 Virtual
City Vancouver
Postal Code / Zip Code V6T 1Z4
Province / State BC
Country Canada

JOB POSTING INFORMATION

Placement Term 2026 - Winter
** Job Title ** W26 3D Machine Learning Engineer (Remote) 174013
Position Type Co-op Position
Job Location Vancouver, BC
Country Canada
Duration 4 or 8 months
Work Mode Fully Remote
Salary Currency CAD
Salary 30.0 per hour for 30 Major List

Job Description

About Vital Mechanics

Vital Mechanics Research, Inc. (VMR) is a highly innovative startup simulating digital humans. Our breakthrough technology makes realistic predictions of the fit of clothing on human soft tissues. We are scientists, designers, and software developers working on award winning technology for building true-to-life digital avatars with garments. We are a small, tightly knit and highly competent team. We fully embrace remote work, yet we see each other often to celebrate our achievements or just to enjoy social activities!

Position Description

This co-op position involves exploring and implementing machine learning algorithms on 3d surface meshes. You'll have the opportunity to start from the beginning, and learn an exciting field.

Job Requirements

We are looking for strong and motivated students who have deep technical knowledge in computer science, and strong practical skills in programming and software. We expect a successful applicant meet the following requirements:

- CSPC 440 (Advanced Machine Learning) or equivalent experience
- CSPC 314 (Computer Graphics) or equivalent experience

•Tips for the Applicants:

- We want to see your work! If you have interesting projects on github, open source or personal, please include and highlight them.

- If selected for an interview, please prepare to
- Discuss your past machine learning project / experience.
- Solve a programming problem related to mesh data structure

Citizenship Requirement	N/A
Position Start Date	May 01, 2023 12:00 AM
Position End Date	August 31, 2023 12:00 AM

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	No