Job Posting:174914 - Position: W26 Coop Researcher-AI for Autonomous Driving & Multimodal Learning 174914

Co-op Work Term Posted: 2026 - Winter
App Deadline 11/14/2025 09:00 AM
Application Method: Through UBC Science Co-op
Posting Goes Live: 10/30/2025 01:23 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization Huawei Canada
Address Line 1 19 Allstate Pky
City Markham
Postal Code / Zip Code L3R 5A4
Province / State Ontario
Country Canada

JOB POSTING INFORMATION

Placement Term 2026 - Winter
<b> Job Title <b> W26 Coop Researcher-AI for Autonomous Driving & Multimodal Learning 174914
Position Type Co-op Position
Job Location Markham, ON
Country Canada
Duration 12 or 16 months
Work Mode To be confirmed
Salary Currency CAD
Salary Salary Not Available, 0 Major List
Job Description

Huawei Canada has an immediate 12/16-month Co-op opening for a Researcher role.

About the Team:
Founded in 2012, the Noah's Ark lab has evolved into a prominent research organization with notable achievements in academia and industry. The lab's mission focuses on advancing artificial intelligence and related fields to benefit the company and society. Driven by impactful, long-term projects, the aim is to enhance state-of-the-art research while integrating innovations into the company's products and services, including LLMs, RL, NLP, computer vision, AI theory and Autonomous driving.

About the job:
• Investigate challenging problems in autonomous driving and multimodal reasoning (e.g., scene understanding, decision making, spatial reasoning, or causal learning).
• Design and implement state-of-the-art algorithms using deep learning and transformer-based architectures for vision-language(-action) models.
• Prototype and evaluate new ideas using internal simulation tools (e.g., CARLA, Navsim) and large-scale driving datasets (waymo, etc.)
• Analyze model behaviors, develop visualizations, and contribute to benchmarking pipelines.
• Collaborate closely with senior researchers to support ongoing research projects and publications.

•Participate in regular technical discussions, contribute to internal presentations, and help maintain clean, reproducible codebases.

Job Requirements

About the ideal candidate:

• Currently pursuing a Bachelor's degree in Computer Science, Software Engineering, Electrical/Computer Engineering, or a related field.

•Strong programming skills, particularly in Python.

•Familiar with deep learning frameworks such as PyTorch

•Comfortable working in a Linux environment and using tools such as Git, Docker, or Jupyter.

•Knowledgeable in machine learning fundamentals - linear algebra, probability, optimization, and deep learning architectures.

•Curious about or experienced in one or more of:

• Computer Vision / Scene Understanding

•Vision-Language(-Action) Models (VLMs, VLAs)

•Reinforcement Learning or Policy Learning

•Autonomous Driving Simulation / CARLA

•Foundation Models and Multimodal Representation Learning

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through UBC Science Co-op

Special Application Instructions

Please apply both through SCOPE and through the employer's website.

Application Link: Huawei Technologies Canada Co., Ltd. - Coop Researcher-AI for Autonomous Driving & Multimodal Learning

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.