Job Posting:174090 - Position: S26 Intern, AI/ML 174090B

Co-op Work Term Posted: 2026 - Summer
App Deadline   10/10/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 10/03/2025 04:41 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization   Autodesk Inc.
Country   Canada

JOB POSTING INFORMATION

Placement Term   2026 - Summer
<b> Job Title <b>   S26 Intern, AI/ML 174090B
Position Type   Co-op Position
Job Location   Toronto, ON
Country   Canada
Duration   4 months
Salary Currency   CAD
Salary   0.0 per hour for 0 Major List
Job Description

Job Requisition ID #

25WD91661

Position Overview
Autodesk, a global leader in 3D design, engineering, manufacturing, and entertainment software, is seeking a motivated AI/ML Intern to join our AI/ML Platform team. This role is focused on advancing MLOps practices and exploring generative AI techniques for CAD and geometry data.

You will collaborate with platform engineers and applied ML researchers to help scale training, evaluation, and deployment pipelines, and contribute to research-driven prototypes that improve how ML models interact with Autodesk's unique 2D/3D design data.

You will gain hands-on exposure to MLOps and generative AI applied to CAD/geometry data at enterprise scale and mentorship from engineers and researchers with expertise in AI infrastructure, ML platforms, and CAD/geometry ML. You will have the opportunity to contribute prototypes and benchmarking tools that inform Autodesk's next-generation AI/ML platform and a deep understanding of how ML research translates into scalable, production-ready systems used by designers and engineers worldwide.

This is an opportunity to bridge modern ML research with platform engineering, gaining experience in building reliable, scalable AI/ML systems that support a wide range of Autodesk products.

Responsibilities
• MLOps Best Practices: Assist in improving training and deployment workflows for ML models on large-scale GPU/cloud infrastructure

- Generative AI for CAD: Explore and prototype AI techniques for working with 3D/CAD data (e.g., embeddings, text-to-geometry, retrieval-augmented workflows)
- Experiment Tracking & Benchmarking: Develop evaluation frameworks and benchmarking tools to assess model quality, failure modes, and efficiency
- Infrastructure Exposure: Learn how to operate ML workloads at scale using Kubernetes, Ray, and distributed training frameworks.
- Monitoring & Governance: Contribute to building robust monitoring, versioning, and governance systems for ML workflows
- Knowledge Sharing: Document experiments and present findings that influence Autodesk's platform strategy and product integration

About the Canada Internship Program

The 2026 Canada Internship program runs for 16 weeks (January 5th - April 24th or May 4th - August 21st). All internships are paid. As an intern, you will contribute to meaningful projects, be mentored by industry leaders, and participate in tech talks and other activities designed to support your personal and professional development. Our internships align with Autodesk's Flexible Workplace approach, which is designed to meet the needs of our business while providing flexibility in support of office, remote and hybrid work preferences.

Learn More

About Autodesk

Welcome to Autodesk! Amazing things are created every day with our software - from the greenest buildings and cleanest cars to the smartest factories and biggest hit movies. We help innovators turn their ideas into reality, transforming not only how things are made, but what can be made.

We take great pride in our culture here at Autodesk - it's at the core of everything we do. Our culture guides the way we work and treat each other, informs how we connect with customers and partners, and defines how we show up in the world.

When you're an Autodesker, you can do meaningful work that helps build a better world designed and made for all. Ready to shape the world and your future? Join us!

Salary transparency

Salary is one part of Autodesk's competitive compensation package. Offers are based on the candidate's experience, educational level, and geographic location.

Diversity & Belonging

We take pride in cultivating a culture of belonging where everyone can thrive. Learn more here:
https://www.autodesk.com/company/diversity-and-belonging

Job Requirements

Minimum Qualifications

- Currently pursuing a BS or MS in Engineering, Computer Science, or a related field
- Strong proficiency in Python and familiarity with ML frameworks (PyTorch, TensorFlow, or JAX)
- Understanding of ML fundamentals (training loops, evaluation metrics, embeddings, transformers)
- Exposure to MLOps concepts such as containerization (Docker/Kubernetes) and cloud platforms (AWS, Azure, or GCP)
- Strong problem-solving ability and collaborative mindset

Preferred Qualifications
- Experience with LLMs, VLMs, or generative models (especially applied to 2D/3D data)
- Familiarity with MLOps tools (Ray, MLflow, Neptune.ai, CometML, Weights & Biases, Airflow)
- Knowledge of vector databases (pgvector, Pinecone, FAISS) or retrieval systems
- Coursework, projects, or research in geometry processing or CAD data
- Coursework, projects, or research in physics-heavy fields (e.g. robotics, simulations, aerodynamics, etc.)
- Experience benchmarking models and analyzing failure modes

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website
Special Application Instructions

Application Link: https://autodesk.wd1.myworkdayjobs.com/uni/job/Toronto-ON-CAN/Intern--AI-ML_25WD91661-2
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.