Job Posting:171214 - Position: F25 Software Engineering Intern, Robot Learning Platform (MS/PhD) 171214

Co-op Work Term Posted:	2025 - Fall
App Deadline	07/18/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	07/07/2025 03:29 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	NVIDIA
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
<b> Job Title <b>	F25 Software Engineering Intern, Robot Learning Platform (MS/PhD) 171214
Position Type	Co-op Position
Job Location	Santa Clara, CA
Country	USA
Duration	4 months
Salary Currency	US
Salary	18.0 per hour for 0 Major List
Salary Range $	18 USD - 71 USD

Job Description

Job Title: Software Engineering Intern, Robot Learning Platform - Fall 2025

Job ID: JR1995734

Today, NVIDIA is tapping into the unlimited potential of AI to define the next era of computing. An era in which our GPU acts as the brains of computers, robots, and self-driving cars that can understand the world. Doing what's never been done before takes vision, innovation, and the world's best talent. As an NVIDIAN, you'll be immersed in a diverse, encouraging environment where everyone is inspired to do their best work. Come join the team and see how we can make a lasting impact on the world. We are seeking a software engineer to join the Isaac Lab team and propel our flagship platform for robot learning to new heights. Our mission is to become the industry's leading tool, redefining how autonomous systems are trained and shaping the future of robotics and AI.

What you'll be doing:

- Develop the next features for our platform, such as perception-in-the-loop reinforcement learning, learning from demonstration via tele-operation, and multi-agent training.
- Automate our workflows and scale them massively in the cloud, while ensuring the highest performance with extensive benchmarking.
- Collaborate with research and engineering teams all across NVIDIA, such as GEAR, to enable the next generation of humanoid robots.
- Engage with the robotics industrial and research communities.

Are you dedicated, upbeat and dynamic with excellent analytical ability? Are you an engineer passionate and highly motivated about solving complex problems? If so, you may be a perfect fit for NVIDIA!

The hourly rate for our interns is 18 USD - 71 USD. Our internship hourly rates are a standard pay determined based on the position and your location, year in school, degree, and experience.

You will also be eligible for Intern benefits. *NVIDIA accepts applications on an ongoing basis.*

NVIDIA is committed to fostering a diverse work environment and proud to be an equal opportunity employer. As we highly value diversity in our current and future employees, we do not discriminate (including in our hiring and promotion practices) on the basis of race, religion, color, national origin, gender, gender expression, sexual orientation, age, marital status, veteran status, disability status or any other characteristic protected by law.

Job Requirements

What we need to see:

• Pursuing MS or PhD degree in Computer Science or related field.
•Experience in software development with Python and the deep-learning software stack (Pytorch, Tensorflow, Jax, etc.).
•Experience with robotics and simulation workflows, including reinforcement learning, imitation learning, motion planning, and trajectory optimization.

Ways to stand out from the crowd:

• Prior experience with Isaac Sim, Isaac Lab, Isaac Gym, or Mujoco.
•You have already trained a robot in simulation and deployed the policy sim-to-real.
•Publications in major AI and robotics conferences.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website
Cover Letter Required? Optional
Special Application Instructions

Application Link:

https://nvidia.wd5.myworkdayjobs.com/NVIDIAExternalCareerSite/job/US-CA-Santa-Clara/Software-Engineering-Intern--Robot-Learning-Platform---Fall-2025_JR1995734

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.