Job Posting: 177494 - Position: S26 AI Foundations - Software Engineer - Research Internship: 2026 (USA) 177494

Co-op Work Term Posted:	2026 - Summer
App Deadline	01/28/2026 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/21/2026 02:07 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	IBM Canada Ltd.
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
<b> Job Title <b>	S26 AI Foundations - Software Engineer - Research Internship: 2026 (USA) 177494
Position Type	Co-op Position
Job Location	Various Locations
Country	USA
Duration	4 months
Work Mode	Hybrid
Salary Currency	US
Salary	0.0 per hour for 0 Major List
Salary Range $	78,624.00 - 144,144.00/ year

Job Description

Job ID 58806

Your role and responsibilities
Join the pioneering AI Foundations Research team at IBM Research and contribute to shaping the future foundations of artificial intelligence. Our group of scientists, engineers, and designers is dedicated to conducting end-to-end research that delivers real-world AI impact through a rigorous, responsible, and open innovation framework. We are the team behind IBM's Granite open-source models, and our work spans multi-modal (vision, speech, language, code) and multi-lingual systems, data quality, data generation, novel model architectures, training recipes, governance and trustworthiness, and programming models for interacting with models. As an intern, you will explore cutting-edge research areas, including new algorithms for training, fine-tuning, and inference time scaling, alongside pioneering work in generative computing and generative programming for language, code, and other modalities, all within a collaborative environment that bridges fundamental science and transformative engineering.

As an AI Software Engineer Intern, you will engage in the full research lifecycle to pioneer new advancements in artificial intelligence. Your role will involve identifying core challenges, designing novel prototype solutions, and validating them through rigorous experimentation. You will develop the robust, scalable infrastructure that powers cutting-edge AI research. Collaborating in small, expert-led teams, you will drive projects from concept to completion - transforming novel algorithms into high-performance, reusable code within modern, distributed frameworks, while contributing to IBM's open innovation initiatives.

Job Requirements

Required education
High School Diploma/GED

Preferred education
Bachelor's Degree

Required technical and professional expertise
• Foundational ML Knowledge: Familiarity with core concepts of modern AI, including Transformer architectures and Large Language Models (LLMs). Hands-on class or project experience is a plus.
•Programming Proficiency: Experience with Python for software development, scripting, or prototyping.
•Problem-Solving: Strong analytical and quantitative skills with an ability to break down complex problems.
•Communication: Ability to clearly explain technical concepts and work collaboratively within a team.
•Learning Mindset: A strong interest in AI research and a commitment to building high-quality, well-tested code.
Preferred technical and professional experience
• Technical Proficiency: Expertise in ML frameworks (PyTorch) and full-cycle development of algorithms and systems.
•Specialized Skills: Hands-on experience with generative AI (LLMs) and multimodal models.
•Communication: Ability to present complex research and build high-impact technical demonstrations.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Special Application Instructions

APPLICATION LINK: https://careers.ibm.com/en_US/careers/JobDetail?jobId=58806&source=WEB_Search_EMEA

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.