



Are you ready for a change? CN Investment Division (the Division) is your chance to do meaningful work with a smart, imaginative team in a unique and exciting environment. Established in 1968, the CN Investment Division manages one of the largest single-employer defined benefit pension funds in Canada and holds a long track record of solid performance. Approximately C\$18 billion is actively managed in-house by 88 employees for the CN Pension Plan's approximately 47,800 pensioners and pension plan members. The Division also manages the assets of the CN Pension Plan for Senior Management and the BC Rail Pension Plan.

The Division's culture is nimble, innovative, collaborative and risk-aware. Pensioners are always at the heart of what we do. As a part of the CN Investment Division team, you will always be learning, adapting, and creating solutions to keep pace in a changing world. You will also work in a flexible, inclusive, and equity-focused environment with lots of room to thrive and grow your career and skills.

Join our team and be part of something great.

Position: Intern, Machine Learning Engineer

Current Opportunity

In this role, you will join the AI & Insights team and contribute to the development of AI-powered applications and our Agentic AI platform. Under the guidance of experienced engineers, you will get hands-on exposure to the full lifecycle of AI solution development, from ideation and prototyping to testing and deployment.

As the ideal candidate, you are a curious and motivated student with a foundational interest in artificial intelligence and software development. You are eager to learn, comfortable asking questions, and excited to apply your academic knowledge to real-world challenges. You are organized, proactive, and a collaborative team player.

Primary Responsibilities – AI Application Development

- Contribute to the development and testing of AI-powered applications built on large language models (LLMs)
- Support the integration of AI features into existing tools and workflows under the guidance of senior engineers
- Document code, processes, and findings to contribute to team knowledge sharing
- Participate in team meetings, design discussions, and code reviews as a learning opportunity

Primary Responsibilities – Agentic AI Platform

- Contribute to the development of specific features or components within our Agentic AI platform, as directed
- Assist in developing and testing prompt engineering strategies and retrieval-augmented generation (RAG) pipelines
- Assist with integrating external tools and application programming interfaces (APIs) into agent workflows
- Explore and experiment with agentic frameworks (e.g., LangChain, Snowflake Cortex Agents) and share learnings with the team

Professional Requirements

- Currently enrolled in a Bachelor's degree program in Computer Science, Software Engineering, or a related field (second year or beyond)
- Basic programming experience in Python
- Familiarity with AI and LLM concepts through coursework, personal projects, or self-study
- Bilingual (French and English)

Desirable Skills and Aptitudes

- Exposure to generative AI tools or frameworks (e.g., OpenAI API, LangChain, LlamaIndex, Snowflake Cortex Agents, or similar), gained through professional, academic, or personal projects
- Comfortable working with APIs and basic software development tools (e.g., Git)
- Strong organizational skills and attention to detail
- High level of curiosity and willingness to learn new technologies quickly
- Excellent interpersonal and communication skills, both verbal and written
- Ability to clearly communicate progress, questions, and blockers to the team
- Collaborative, open to feedback, and eager to grow

If this position sounds like you, we would love to hear from you! Please send your application via email to jobs@cnid.ca. The information received will be treated in strict confidence.

The Division values diversity and is committed to employment equity. All qualified applicants will receive consideration for employment without regard to race, colour, religion, sexual orientation, gender identity, national origin, age, physical or hidden disability, or protected veteran status. You are encouraged to apply and to self-identify so we can work toward full representation of those groups within our company. Should you require any accommodation in the application or interview process, please just let us know.

We appreciate your time and effort, however, only candidates selected for an interview will be contacted. Thank you for your interest in the CN Investment Division.