Job Posting:171975 - Position: F25 AI/ML Intern - Full-Stack Developer 171975B

Co-op Work Term Posted:	2025 - Fall
App Deadline	08/25/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	08/18/2025 09:38 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Trench Group
City	Pickering and Scarborough
Province / State	ON
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
<b> Job Title <b>	F25 AI/ML Intern - Full-Stack Developer 171975B
Position Type	Co-op Position
Job Location	Scarborough and Pickering, ON
Country	Canada
Duration	8 or 12 months
Work Mode	In-Person
Salary Currency	CAD
Salary	0.0 per hour for 0 Major List

Job Description

About us

In Trench Canada, we deliver state-of-the-art, safe, and reliable instrument transformers, coils, and bushings for seamless energy transmission. With a legacy of customized engineering and innovation, we enable society to harness the power of electricity with reliability and performance. But we are more than just a company. We are a force for change, committed to advancing the energy sector through cutting-edge technology and sustainable practices. We genuinely care about continuous improvement, and our dynamic workplace values attention to detail and adaptability, fostering a culture of equality, diversity, and inclusion where everyone is respected and truly valued.

About the role

Are you passionate about AI/ML and full-stack development? Join us in revolutionizing the energy industry! As part of Project NOVA (Next-gen Optimization with Visionary AI), you'll cwork directly with our CEO and senior leadership team to build intelligent, scalable applications that drive innovation across departments. This is a unique opportunity to contribute to high-impact solutions while enjoying full freedom to innovate.

Your Tasks:

• Collaborate with cross-functional teams to identify AI/ML opportunities.
• Design, build, and deploy machine learning models.
• Analyze large datasets to extract insights.
• Document development processes and model results.Present find
• ings to stakeholders using visualizations and reports.
• Stay updated with AI/ML advancements.
• Develop and maintain full-stack applications supporting AI dashboards and tools.

•Integrate front-end interfaces with Azure-based back-end services.

•Ensure performance, scalability, and security of deployed solutions.

•Work closely with domain experts to translate business needs into technical features.

We offer:

• The opportunity to gain practical experience in the field of optical current measurement technology and sustainable energy transmission in an innovative company

•You will work in a motivated team on forward-looking projects and gain insights into the latest technologies

•Support from experienced professionals in handling the latest measurement technology

Our Commitment

Trench invites applications from all qualified individuals and is committed to fostering workplace diversity. We provide accommodations to applicants with disabilities throughout our hiring process. If you require this information in an alternate format, need communication support, or need accommodation in applying for a posting and/or are selected for an interview, don't hesitate to reach out to us. Trench utilizes artificial intelligence in its job scanning and recruitment process to effectively find the candidate most suitable for each position.

HAVE WE PIQUED YOUR INTEREST? We are looking forward to receiving your application - just click on the "Apply Now" button and send us your application.

Job Requirements

Requirements:

• Currently pursuing or recently completed a degree in Computer Science, Software Engineering, Data Science, AI/ML, or a related field.

•Strong understanding of machine learning algorithms and techniques.

•Proficiency in programming languages such as Python, JavaScript, or Java.

•Experience with AI/ML frameworks (e.g., TensorFlow, PyTorch, scikit-learn).

•Familiarity with front-end frameworks (React, Angular, or similar).

•Experience with back-end development using Node.js, Django, or similar.

•Knowledge of Azure cloud services (e.g., Azure App Services, Azure Functions, Azure SQL).

•Experience with vector database (e.g., Pinecone)

•Strong problem-solving and communication skills.

•Experience with data visualization tools (e.g., Power BI, Tableau).

Please note, applicants must submit their Github profiles alongside resumes.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website

Special Application Instructions

Please note, applicants must submit their Github profiles alongside resumes.

Application Link: https://trench.csod.com/ux/ats/careersite/1/home/requisition/1335?c=trench&sq=req1335&source=LinkedIn

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.