Job Posting:174316 - Position: W26 Software Developer Intern 174316B

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/24/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	10/10/2025 03:27 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Grid Insights INC
Website	https://www.grid-insights.net
Address Line 1	9850 King George Blvd
Address Line 2	SUITE 414
City	Surrey
Postal Code / Zip Code	V3T 0P9
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Software Developer Intern 174316B
Position Type	Co-op Position
Job Location	Surrey, BC (in-person)
Country	Canada
Duration	8 or 12 months
Work Mode	In-Person
Salary Currency	CAD
Salary	Salary Not Available, 37.5 Major List
Salary Range $	$20 ~ 50/hr

Job Description

Location: Surrey, BC (Only in-person)
Must be available for a **8 - 12 / 16 month Co-op term** (no 4 placements).

About Grid Insights

Grid Insights Inc. is a Vancouver-based engineering and software company pioneering innovation in renewable energy analytics and power network analysis.
We develop advanced **SaaS, forecasting, and automation tools** that help wind, solar, and battery-storage developers across North America make smarter, data-driven decisions.
Our cloud platform combines **Azure, AI/ML, and GIS visualization** to solve complex grid-planning and market-optimization challenges.

The Power of UBC Co-ops at Grid Insights

Our partnership with UBC Co-ops has been transformational.
After hiring our first Co-op, our revenue grew significantly driven by the student's contributions. That same student continues part-time as a Data Analyst, while two more Co-ops are now helping us develop groundbreaking new products.
At Grid Insights, Co-ops aren't just "interns", they're **core developers** shaping our products, systems, and future growth. Hence,

we're looking for extraordinary problem-solvers with strong mathematical foundations and algorithmic reasoning.

Why Join Us

• You'll be working on real production code from day one, no routine or "intern-only" work.
•You'll gain deep exposure to renewable-energy modeling, AI automation, and grid analytics.

Hiring Process and Schedule

Stage	Date	Details
1. Applications Open	Oct 10 ~ Oct 24	Apply through the UBC Co-op Portal.
2. Technical Assessment (Project Optional)	Open until Oct 24th	Optional but recommended for candidates who want to stand out.
3. First Phone Screening	Oct 27 - 31	15-20 min informal conversation.
4. LeetCode-Style Technical Interview	Nov 3 - 7	30-45 min remote coding session.
Technical Assessment (Project Mandatory)	Open until Nov 14	Mandatory to be considered for the final interview.
5. Final Interview (In-person)	Nov 12 - 14	Meet the team, see our projects first-hand. Note that **technical assessment submission is mandatory for final candidates and will be used for the interview session**

Technical Assessment Project (Optional)

We've designed an optional open technical assessment project for candidates who want to demonstrate their skills, creativity, and motivation.
Those who complete it will receive priority consideration for first-round interviews.
Additionally, the completion of this project is required to be considered for a final interview, so it is in your best interest to complete it as soon as possible.
• **GitHub Project: GridInsightsHiring2025** (https://classroom.github.com/a/GX9VAuDl)
You're encouraged to use AI tools to assist your development, but you must clearly explain your reasoning for any logic you design-whether AI-assisted or not.

Role Overview

You'll contribute directly to the development of our web-based SaaS platform and power system analysis automation tools that support renewable energy projects across North America.

Qualifications

• Currently enrolled in Computer Science, Electrical & Computer Engineering, Data Science, or related programs at UBC.
•3rd year or higher preferred.
•Must be available for a 8-12-16-month Co-op term (no 4 placements).

Key Responsibilities

• Design and implement full-stack applications (frontend and backend) on the Azure ecosystem.
•Develop and maintain data-processing and automation tools for power-system and market analysis.
•Build and manage Azure SQL databases and interactive dashboards.
•Create GIS visualization features using Mapbox.
•Research and implement machine-learning models for time-series forecasting.
•Contribute to quantitative forecasting and bidding strategy modules.

Desired Skills

• Strong background in **data structures, algorithms, and mathematics**.
•Proficient in **Python, TypeScript, React, and SQL**.
•Experience with **C or Rust** and comfort with low-level system programming is highly valued.
•Familiarity with **Azure Cloud services or similar platforms**, including app hosting, databases, and CI/CD pipelines.
•Knowledge of **ML frameworks** (TensorFlow, PyTorch) or **GIS tools** (Mapbox, Leaflet).

•**Quick learner** who can rapidly adapt to new technologies and complex systems.
•**Self-driven**, analytical, and eager to build production-level systems.

–

Compensation & Growth

• Competitive rate: $20 - $50 per hour, depending on experience and performance.
•Technical performance reviews every 4 months, with rate adjustments and bonus opportunities.
•Part-time opportunities until graduation after Co-op completion.
•Full-time offers extended to top-performing Co-op students.

–

What You'll Gain

• Direct impact on energy infrastructure projects across North America.
•Hands-on experience with cloud computing, AI/ML, and optimization tools.
•Mentorship from senior engineers and software architects.
•The opportunity to help shape the future of renewable-energy automation.

–

Grid Insights INC. is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.

–

Job Requirements

Qualifications

• Currently enrolled in Computer Science, Electrical & Computer Engineering, Data Science, or related programs at UBC.
•3rd year or higher preferred.
•Must be available for a **8 -12-16-month Co-op term** (no 4 placements).

Key Responsibilities

• Design and implement full-stack applications (frontend and backend) on the Azure ecosystem.
•Develop and maintain data-processing and automation tools for power-system and market analysis.
•Build and manage Azure SQL databases and interactive dashboards.
•Create GIS visualization features using Mapbox.
•Research and implement machine-learning models for time-series forecasting.
•Contribute to quantitative forecasting and bidding strategy modules.

Desired Skills

• Strong background in **data structures, algorithms, and mathematics**.
•Proficient in **Python, TypeScript, React, and SQL**.
•Experience with **C or Rust** and comfort with low-level system programming is highly valued.
•Familiarity with **Azure Cloud services or similar platforms**, including app hosting, databases, and CI/CD pipelines.
•Knowledge of **ML frameworks** (TensorFlow, PyTorch) or **GIS tools** (Mapbox, Leaflet).
•**Quick learner** who can rapidly adapt to new technologies and complex systems.
•**Self-driven**, analytical, and eager to build production-level systems.

Citizenship Requirement	Canadian & Permanent Residents Preferred
Position Start Date	January 05, 2026 12:00 AM
Position End Date	December 31, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Optional
Address Cover Letter to	Hiring Manager

Special Application Instructions

How to Apply

1. Submit your resume and transcript (mandatory) through the UBC Co-op Portal
2. Cover letter is optional but highly encouraged. We read every cover letter line by line to understand your motivation and fit.
3. (Optional) Complete the Technical Assessment Project. Those who complete it will receive priority consideration for first-round interviews.
4. Selected candidates will be contacted for interviews according to the schedule above.

Technical Assessment Project (Optional)

We've designed an optional open technical assessment project for candidates who want to demonstrate their skills, creativity, and motivation.

Those who complete it will receive priority consideration for first-round interviews.

Additionally, the completion of this project is required to be considered for a final interview, so it is in your best interest to complete it as soon as possible.

• **GitHub Project: GridInsightsHiring2025** (https://classroom.github.com/a/GX9VAuDl)

You're encouraged to use AI tools to assist your development, but you must clearly explain your reasoning for any logic you design-whether AI-assisted or not.