Application: WIL202425--0000044824

Andrew Nadler - anadler@peakhydromet.ca
WIL Digital

Summary

ID: WIL202425--0000044824
Status: Mid-Term Check-in
Last submitted: 2024 Jun 4 10:18 AM (PDT)

WIL Digital Learning Plan

Completed - 2024 Jun 4

A Learning Plan is a tool for planning and managing the learning process. The plan is co-developed with the student and direct supervisor. Within the plan, you will be asked to reflect on personal and company goals, identify 3 technical skills and 3 career-readiness skills to learn within the placement and the tasks and supports associated with each skill. For more information, please review the Learning Plan Outline located within the resources of this site.

Un plan d'apprentissage est un outil de planification et de gestion du processus d'apprentissage. Le plan est co-développé entre l'étudiant et le superviseur direct. Dans le cadre du plan, il vous sera demandé de réfléchir aux objectifs personnels et de l'entreprise, d'identifier 3 compétences techniques et 3 compétences de préparation à la carrière à apprendre dans le cadre du placement et les tâches et le soutiens qui y seront associés. Pour plus d'informations, veuillez consulter l'aperçu du plan d'apprentissage situé dans les ressources de ce site.

WIL Digital Learning Plan

Contract Number: PO32822 Company Name: PEAK HYDROMET SOLUTIONS INC

Supervisor First Name:*

Andrew

Supervisor Last Name:*

Nadler

Supervisor Email:*

anadler@peakhydromet.ca

Supervisor Phone Number:*

250-202-2031

Student First Name: Jared

Student Last Name: Tweed

Student Email: jaredtwe@gmail.com

Student Position Title: Full-Stack Developer Internship

What is a Learning Plan?

Learning on the job, while supported by more experienced colleagues and supervisors, is critical for students to gain the skills needed to start their careers. A Learning Plan is a tool for planning and managing the learning process. There are four things you need to know about the WIL Digital Learning Plan:

1. It is co-developed with the student and their direct supervisor to ensure that the skills outlined align with the Student`s career goals and learning objectives.
2. You need to identify 3 technical skills and how they will be achieved.
3. Specify the job activities: Identify tasks to acquire the skills mentioned (i.n. regular participation in meetings with prospective clients, or testing of the product's beta version).
4. Describe the support: Identify how you will support learning on the job for each of the identified skills (i.e. job shadowing, collaborative tasks, mentoring, formal or informal training)
5. Make the plan relevant, practical and achievable.

Has this student held a student placement position within your company previously, which was subsidized through ICTC's WIL Digital Program?*

No

First Technical Skill*

Technical skill*	Building API's to automatically retrieve and disseminate monitoring data to/from various endpoints
Tasks to develop the skill:*	Study documentation Work on use-cases to retrieve weather data Review best practices Evaluate the various platforms to retrieve the data from
Support provided to the student:*	Access to outside expertise Software subscriptions Online resources Webinars

Second Technical Skill*

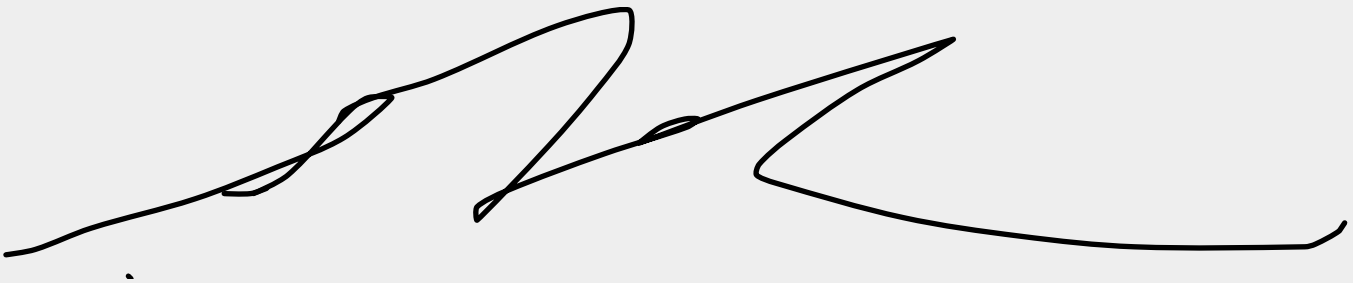
Technical Skill*	Develop advanced online visualizations to communicate complex information to users
Tasks to develop the skill:*	Student is given existing user dashboards and asked to make them more user friendly Develop custom widgets to display data Use charting libraries to build new functionalities Being exposed to user input and suggestions through face-to-face interaction (customers, stakeholders...)
Support provided to the student:*	Online resources Software subscriptions and access to charting libraries Guidance and suggestions Access to stakeholders

Third Technical Skill*

Technical Skill*	Develop knowledge and expertise related to Internet of Things (IoT)
Tasks to develop the skill:*	Being exposed to data flows and transformations Coding custom data transfer processes Working with databases that house IoT data Learning various IoT data transfer protocols
Support provided to the student:*	Enrollment in IoT course offered by ICTC Online resources On-site work to understand hardware, sensors, and use-cases Access to various software tools

Please sign below to complete your submission!

Supervisor's Signature*



Date of sign off*

2024 May 27

If you have any feedback on the learning plan, please share it with us below.

(No response)