SNEHAN GORAIN

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SKILLS SUMMARY

SQL; Python; Java; Excel; QGIS; Workflow optimization; Stakeholder analysis

EDUCATION

Bachelor of Science, Environment & Computer Science   2018 - 2023

McGill University, Montréal, QC

- Major in Environment, specialization in **Food Production**
- Minor in **Computer Science**
- GPA: 3.85

WORK

IT Business Analyst   2023 - present

LogiAg, Châteauguay, QC

- Organized stakeholder workshops with climate scientists and agronomists to integrate cutting edge modeling into our farm GHG footprint tool
- Proposed updates to PostgreSQL databases
- Conducted process mapping for workflow optimization in rapidly changing environment
- Created Excel and Python-based mock-models to design a farm GHG footprint calculator for clients, including Agropur and General Mills
- Created UAT tests and conducted Quality Assurance

Greenhouse Gas Inventory Analyst   2023 - present

LogiAg, Châteauguay, QC

- Collected data from agronomists, producers, and external databases
- Developed strategies to optimize the data collection process
- Cleaned and organized data from a variety of farm-related documentation
- Created hypotheses to replace missing data

Agri-environmental Technician   2023

LogiAg, Châteauguay, QC

- Conducted topographical surveys used for levelling
- Conducted conventional and GPS soil sampling
- Planned soil sampling routes using in-house software and QGIS

Greenhouse Aide   Summer & Fall 2022

Les Fermes Lufa / Lufa Farms, Montréal, QC

- Visually detected fungal diseases on tomato plants
- Harvested a variety of hydroponic crops
- Conducted pruning, de-leafing, and cluster removal of tomato and eggplant crops

Farm Co-manager   2020 - 2021

MacDonald Student-run Ecological Garden, Ste-Anne-de-Bellevue, QC

- Created a system of Excel workbooks to monitor finances and the annual budget
- Calculated fertilization requirements for a variety of horticultural crops
- Created a cropping plan
- Identified and managed crop pests and diseases using organic methods
- Engaged the public through Canva and social media
- Won funding from McGill University's Sustainability Project
- Hired and trained interns

Farm Intern   Summer 2020

MacDonald Student-run Ecological Garden, Ste-Anne-de-Bellevue, QC

- Received training in the use of ecological farming practices to grow a variety of produce for CSA (Community Shared Agriculture) members and customers
- Wrote weekly e-newsletters to CSA clients
- Marketed and sold produce as farmers' markets
- Grew a variety of crops using organic practices

Food Educator   2019-2020

Student Housing and Hospitality Services, McGill University, Montréal, QC

- Promoted the consumption of local and sustainable produced food
- Gave brief talks to educate about local produce currently in season in Québec
- Gave short interactive presentations to students about McGill University's local and sustainable food-sourcing initiatives.

BEYOND THE WORKPLACE

- **Varsity Figure Skating**, *McGill University* (2022-2023)
- **Director of Communications**, *Greenpeace McGill* (2019)
- **Piano teacher**, *School of Music Montréal* (2018)

A W A R D S

- *McGill Energy Association X Hydro Québec Case Competition* 3rd Place, *2023*
- *Tomlinson Engagement Award for Mentoring* in Organic Chemistry, 2020
- *Canada 150 Outstanding Neighbour Award* for contributions to Toronto St-Paul's federal riding's youth council, 2017