Snehan gorain

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# S K I L L S S U M M A R Y

SQL; Python; Java; HTML-CSS-JS; Excel; QGIS; Workflow optimization; Stakeholder analysis

# E D U C A T I O N

## 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

# W O R K

## 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.

# B E Y O N D T H E W O R K P L A C E

* **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