

# Tareq Aghabi

+1 (514) 581 6653 | [tareqaghab@gmail.com](mailto:tareqaghab@gmail.com) | [taghabi.github.io](https://taghabi.github.io)

## PROFILE

Data Analyst and Industrial Engineer with 3+ years of experience in Tech Logistics, E-commerce, and Digital Operations, proficient in SQL, Dynamics 365, Looker, Tableau, Python, R, Google Apps Scripts, Excel, HTML, and CSS.

## EDUCATION

**Concordia University**, School of Engineering and Computer Science  
Bachelor of Science in Industrial Engineering (BEng)

Montréal, QC  
May 2019

- Relevant Coursework: Operations Research, Stochastic Models, Simulation, Calculus, Probability & Statistics

**Amman Baccalaureate School**, Applied Sciences  
International Baccalaureate Diploma Program (IBDP)

Amman, JOD  
May 2014

- Relevant Coursework: Computer Science, Mathematics

## PROFESSIONAL EXPERIENCE

### Goodfood Market Corporation

Montréal, QC

*Operations Analyst*

April 2021 – Present

- Configured over 1000 new SKU items in the Goodfood backend database and ERP weekly system changeover, determining pick location and replenishment triggers based on projections of order volumes and operations constraints, decreasing fulfillment quality errors by 15%.
- Manipulated and analyzed weekly order data from Looker to develop an inventory replenishment model using Google Apps Scripts that accommodates for changes in item availability and velocity, improving picking efficiency by 10%.
- Queried and debugged multi-warehouse SKU storage and picking location data into the Goodfood backend database using SQL queries, decreasing weekly changeover complexity by 25%.
- Developed structured data analysis tools and visualization dashboards for tracking short ships, determining replenishment triggers, managing labor cost, and tracking shipping progress to inform directors and senior managers strategic slotting and item management decisions, smoothing out fulfillment operations and decreasing overall cost by 20%.

*Production Supervisor*

August 2020 – April 2021

- Utilized Excel to implement data cross-validation for recipe batch production requirements on 600+ batches, which reduced total production errors by 95%.
- Wrangled multiple recipe production datasets stored in Google Data Studio using Excel pivot tables to remodel and visualize datasets to allow operations and senior management to track the location and status of recipe batch production.
- Actively supervised workflow, delegated strategy and trained production and inventory teams of over 25 associates to maintain operational efficiency, increasing overall pallet building productivity by 20%.

### United Parcel Service

Montréal, QC

*Industrial Engineering Specialist*

April 2019 – May 2020

- Utilized UPS mapping and optimization software to plot and schedule delivery route information for over 70 training and verification rides on deployed driver groups, improving route delivery efficiency by 15%.
- Collected route-specific statistics stored in UPS proprietary databases using Excel Visual Basic to generate over 25 technical reports that provide corporate-wide visibility to overall deployment progress.
- Created a Master Operating Plan (MOP) on the Data Acquisition department that documents iPFT Hub auditing and process improvement methods to be referenced for all future Data Acquisition standard operating procedures.

## PROJECTS AND LEADERSHIP

### Data Science Capstone

edX, Inc.

*Cryptocurrency Forecast Capstone (HarvardX)*

October 2020 – January 2021

- Utilized R to implement supervised machine learning techniques for time series forecasts and anomaly detection on structured data, which explained model variability by 99%.
- Web scraped and wrangled Bitcoin and Ethereum historical data stored in an online database to remodel and visualize price prediction forecasts using linear regression and root mean square error.
- Compiled results and wrote a business report detailing value proposition and strategy for cryptocurrency investors.

### Lean Manufacturing Design

Montréal, QC

*Industrial Engineering Capstone (Concordia University)*

September 2018 – April 2019

- Collaborated with 4 executive team members to design and implement a solution proposal for a Metal Die Manufacturer.
  - Generated a user-friendly software interface using Excel Visual Basic to automate interdepartmental communication.
  - Utilized operations research on CPLEX to optimize the facility layout of 10 inefficient machine setups within the stamping department, reducing overall lead time and decrease material handling costs 15%.

### Team Lead

Montréal, QC

*ERP Simulation Competition (Concordia University)*

May 2018 – June 2018

- Proactively led a team of 5 students as a production planner, marketing analyst and procurement officer in a final ERP simulation game competition between all class members.
- Received first place and reached sales figures of almost double to that of second place (First place winners).