

Michael Crawford

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github: mcrwfrd

EDUCATION

Bachelor of Science, Mathematics
McGill University

August 2017

PROFESSIONAL EXPERIENCE

Inventory Manager

Corsa Cycles, Squamish, BC

March 2016 - August 2016

- Maximized profits throughout the busiest summer months by evaluating SKU velocity and re-ordering from suppliers accordingly
- Worked closely with Lightspeed Support Centre to help hired marketing contractors launch a new Lightspeed-based e-commerce website for the shop
- Gained intimate knowledge of Lightspeed backend to create and track purchase orders, invoices, and sales goals

Data Analyst Intern

Customer Marketing Group, The Woodlands, TX

May - August 2014

- Worked alongside VP to develop a 12-month promotional planning calendar in VBA to save hundreds of emails tracking retail promotions
- Laid groundwork for transitioning company from Excel to PostgreSQL for storing quickly-growing sales transaction database used in all steps of employee work flow
- Quickly became expert at pulling, cleaning, exploring, and fitting data using both Excel and R

PROJECTS

Ultrascraper <https://github.com/mcrwfrd/ultra-scraper>

March 2017 - Present

Building a local database of analysis-ready ultramarathon data scraped from ultra-marathon.org

Wigner's Theorem <http://crawford.io/geometricproofofwigner.pdf>

November 2013 - February 2014

Undergraduate research project in mathematical physics at McGill University

VOLUNTEER

Contributing Writer & Photographer

Nouvelle Vague Surf Magazine, Victoria, BC

September 2016 - April 2017

- Worked with a group of 20 teammates to bring the magazine's first print edition to life with 300+ pages of original content
- Gave a voice to prominent members of the Canadian surfing community by publishing articles based on personal interviews

SKILLS

Languages: Python (Pandas), R, Java, SQL

Tools & Frameworks: Linux (Ubuntu), Git, Excel