

Francesco Tintori

Calgary, AB

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[LinkedIn](#) | [Portfolio](#)

A detail-oriented and analytical individual, SQL, Tableau, Data Analytics, Data Visualization, Pivot Tables, Excel, Big Query, Python

EDUCATION

University of Calgary — Chemistry Ph.D., 2021

University of Milan – Bachelor of Science, 2015

DATA ANALYTICS TRAINING

SQL, Khan Academy

Tableau Creator, Tableau

Python, Udemy

DATA ANALYTICS & VISUALIZATION PROJECTS

- **COVID-19 Rates Dashboard.** Quantified COVID-19 death and vaccination rates over time by country and continent; published a Tableau dashboard to visualize results.
- **Nashville Housing Dataset Cleaning.** Cleaned the data on a Nashville Housing Dataset to facilitate the usage and analysis.
- **Amazon Web Scraping.** Scraped price information from Amazon and sent an email alert for when the price lowered.
- **Data Correlation on Python.** Cleaned the data on an International Movie Database and determined correlation between various categories of the industry using Python.

WORK EXPERIENCE

Senior Scientist — *Genoptic*

NOVEMBER 2021 – PRESENT

- Cleaned and optimized raw data from device characterization
- Demonstrated and compared results through data visualization with Excel and Origin
- Optimized and engineered printed electronic devices
- Led organizational efforts of laboratory space and operation

Doctoral Researcher — *University of Calgary*

SEPTEMBER 2016 – OCTOBER 2021

- Cleaned and optimized raw data from device characterization
- Carried out advanced solid-state material characterization
- Managed laboratory space, instrumentation maintenance and training
- Wrote and published peer review journal articles

Teaching Assistant — *University of Calgary*

SEPTEMBER 2016 – APRIL 2020

- Broke down complex topics to make them understandable to students at all levels
- Managed large classes in laboratory spaces, overlooking equipment handling and safety
- Evaluated student performance by deconstructing and analyzing proposed concepts to verify scientific accuracy
- Mediated communication between students and instructors to optimize teaching experience