Francesco Tintori

Calgary, AB

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[LinkedIn](https://www.linkedin.com/in/francesco-tintori) | [Portfolio](https://francesco-tintori.github.io/)

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

**Python (in progress)**

**EDUCATION**

University of Milan – Bachelor of Science, 2015

University of Calgary — Chemistry Ph.D., 2021

**DATA ANALYTICS TRAINING**

**SQL**, Khan Academy

**Tableau Creator**, Tableau

**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 Scrapping**. Scrapped price information from Amazon and sent an email alert for when the price lowered.

# WORK EXPERIENCE

## Senior Scientist — *Genoptic QDOT Tech* 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