

# Andy Vu

andy.vu@alum.utoronto.ca | (647) 960-6687 | <https://andyvu016.github.io>

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## EDUCATION

University of Toronto School of Continuing Studies, Toronto, ON

May 2023 - October 2023

*Financial Technology Boot Camp*

- Completing a 24-week Financial Technology Boot Camp focused on financial fundamentals, blockchain and cryptocurrency, machine learning applications in finance, and programming and financial libraries.
- Developing a strong understanding of cutting-edge financial technologies and their applications in the financial industry through rigorous coursework, hands-on projects, and collaborative team work.

University of Toronto (St. George), Toronto, ON

September 2018 - August 2022

*Honours Bachelor of Science with Specialization in Mathematics and Statistics*

- Graduated **with Distinction** (3.22 CGPA).
- **Relevant coursework** include Methods of Data Analysis, Theory of Statistical Practice, Methods for Multivariate Data, Methods of Applied Statistics, and Time Series Analysis.

## EXPERIENCE

Extracurricular

University of Toronto Vietnamese Students' Association, Toronto, ON

September 2018 - April 2022

*General Member*

- Actively participated in monthly social, academic and cultural events organized by the club.
- Contributed to the success of the IGNITE XXII and IGNITE XXIII cultural shows, **placing second** in IGNITE XXII.
- Awarded the **Most Engaged Member** recognition for exceptional contributions and active participation in the club.

## PROJECTS

Analyzing Weather Data for Climate Trends

July 2023

*Data Analysis Project (Python, GitHub)*

- Collaborated with three peers on an analysis project to determine climate trends in the last 50 years using hurricane, drought and temperature data.
- Extended the dataset by developing a function that traverse it and initiate API calls.
- Utilized the **pandas** package extensively to clean and prepare the data for visualizations with the **hvPlot** package.

Analyzing the Gateway to Vaping

December 2021

*Data Analysis Report (R)*

- Wrangled survey data collected through The Canadian Tobacco and Nicotine Survey with the **tidyr** and **dplyr** packages.
- Summarized and visualized the data with tables and plots with the **ggplot2** package.
- Executed the Propensity Score Matching method to determine the factor that affects the probability of trying vaping for the first time.

## SKILLS

R (dplyr, ggplot2, forcats, tibble), **Python** (NumPy, pandas), **SQL**, **Java**, **HTML & CSS**, **Markdown**, **LaTeX**, **Git/GitHub**, **Microsoft Office** (Word, Excel, Outlook, Powerpoint, OneNote, Forms, Access)