

Andy Vu

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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 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.

Gender Parity in Black Saber Software

April 2021

Consulting Report (R, GitHub)

- Collaborated with three peers on a consulting project that evaluated gender parity in hiring, wages and promotion at a simulated software company.
- Processed and visualized large datasets using the **dplyr** and **ggplot2** packages to support project analyses.
- Employed linear and generalized linear mixed models to assess gender parity, including verifying assumptions and interpreting results with confidence intervals and significance testing.
- Produced a report utilizing **R Markdown** to ensure the report was both cohesive and reproducible.
- the club.

SKILLS

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