

Carson D. Boettinger

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PROJECTS AND PAPERS

Monetary Policy Rate Forecasting Model

- Using collaboration of linear regression principles and economic concepts we predicted the interest rate within a 25-point error in the model.
- Achieved a Root Mean Squared Deviation of 0.044 indicating extremely high accuracy.
- Developed independently an Augmented Keynesian Model (AKM) with supporting Vector Autoregressions (VAR) to creatively capture different effects to the Canadian Economy
- Presented results at the Laurier Centre for Economic Research and Policy Analysis Conference

Powerplant Capacity by Country Analysis

- Prepared, processed, and analyzed data obtained from Kaggle using PowerBi and PowerQuery
- Created an interactive dashboard to help visualize data and present in an interactive way.
- Applied the steps of data analysis to guide decision making around visualization and results (Ask, Prepare, Process, Analyze, Share, Act)

WORK & LEADERSHIP EXPERIENCE

Class Accounts Management

Waterloo, Ontario

Co-Founder,

March 30th, 2022 – June 30th 2023

- Co-developed a program that would automatically post profiles submitted to our website (CampusUnite) on an hour basis.
- Developed account of 3,700 followers on Instagram at its peak, posting 290+ students.
- Collaborated with brands social media marketing translating into \$25,000 in revenue and 400+ event attendance.

Wilfrid Laurier University Students' Union

Waterloo, Ontario

Member of Board of Directors

April 1st, 2022 – April 1st, 2023

- Elected in confidence by 18,000+ undergraduate students to represent them on the 12-seat board.
- Implemented a board self-monitoring system and enhanced the monitoring process of the President & CEO.
- Oversaw the usage of a \$10,000,000 organizational operating budget and held the CEO accountable for the usage of funds to meet organizational goals.

EDUCATION

Wilfrid Laurier University

Waterloo, Ontario

*Bachelor of Arts in Economics, Specialization in Research,
Minor in Mathematics*

Expected 2025

- Relevant Coursework: Advanced Regression Analysis, Intro to Linear Algebra, Game Theory, Macroeconomic Forecasting, Data Structures, Introduction to Programming, Applied Econometrics, Introductory Econometrics, Financial Management 1

CERTIFICATIONS

Certifications: Google Data Analytics Professional Certificate, Supervised Machine Learning

Languages and Software's: Python (NumPy, Pandas, Scikit-learn), SQL, Tableau, Stata, PowerBI, R

ACTIVITIES & INTERESTS

Activities: Laurier Data Science Society, Laurier Economics Club Member, Sigma Chi Iota Mu Recruitment Chairman, Sigma Chi Iota Mu Sponsorship Chairman