

# STEFANO ZURITA

349 Wyecroft Blvd, Waterloo, Ontario, CA  
(+1) 519-722-6241 — [zuri1990@mylaurier.ca](mailto:zuri1990@mylaurier.ca) — [Personal Website](#)

## EDUCATION

<b>Master of Arts in Business Economics</b> Wilfrid Laurier University (Waterloo, Canada)	2024 – 2026
<b>Master of Information Systems (Business Intelligence &amp; Data Analytics)</b> Universidad Internacional del Ecuador (Ecuador) / Escuela Internacional de Gerencia (Spain)	2024
<b>Bachelor's Degree in Economics</b> Universidad San Francisco de Quito (Ecuador)	2021
<b>Google Data Analytics Professional Certificate</b> Focused on data cleaning, visualization, business case analysis, and decision-making with Excel and Tableau.	2024

## EXPERIENCE

<b>Budget Analyst (Co-op), Finance – Budget Coordination Team</b> <i>Regional Municipality of York, Newmarket, Ontario, Canada</i>	May 2025 – Present
<ul style="list-style-type: none"><li>Supported development of the 300 page York Region Budget Book by coordinating inputs, timelines, and approvals across multiple departments.</li><li>Collected, reconciled, and refreshed chapter data from PeopleSoft, TM1 (Planning Analytics), and Cognos to keep KPI tables and narratives up to date and consistent with source systems.</li><li>Corrected and standardized charts, tables, and text to meet York Region formatting and accessibility standards (colors, styles, footers, page numbers).</li><li>Incorporated critical insights from departments into chapters and executive summaries; tracked revisions and resolved comments to meet test-print deadlines.</li></ul>	
<b>Finance Planning Supervisor</b> <i>Public Mobility and Infrastructure Company, Quito, Ecuador</i>	2022 – 2024
<ul style="list-style-type: none"><li>Promoted from Planning Analyst to Planning Supervisor for effectively managing the Annual Plan and optimizing resource allocation between departments.</li><li>Developed and implemented data-driven dashboards using Power BI and Excel to support key strategic initiatives, including market trend analysis and performance optimization.</li><li>Conducted secondary research to identify operational improvement opportunities and supported executive-level reports with data-driven insights.</li><li>Designed automated systems to track and issue certifications, reducing manual errors by 20% and streamlining inventory management.</li></ul>	
<b>Insurance Sales Intern</b> <i>Pelotea Inc., Quito, Ecuador</i>	2021
<ul style="list-style-type: none"><li>Managed client interactions and closed contracts using HubSpot CRM, improving engagement and retention.</li><li>Organized customer management systems and facilitated contract closures, contributing to a successful launch of the Pelotea Care program.</li></ul>	
<b>Graduate Teaching Assistant</b> <i>Wilfrid Laurier University, Waterloo, ON</i>	2024 – 2025
<ul style="list-style-type: none"><li>Assisted professors in Econometrics and Microeconomics by analyzing quantitative and qualitative data to create insights for student performance and improving teaching effectiveness.</li><li>Worked closely with other Teaching Assistants to ensure fairness, consistency, and timely completion of grading tasks.</li></ul>	
<b>Teaching Assistant</b> <i>Universidad San Francisco de Quito, Ecuador</i>	2020 – 2021
<ul style="list-style-type: none"><li>Developed comprehensive course materials and assisted in grading for over 100 students, enhancing their performance through a clear syllabus and effective time management.</li></ul>	

## SELECTED PROJECTS (ECONOMETRICS & DATA SCIENCE)

---

### Insurance Fraud Detection (toy, synthetic)

*Python ML: Logistic, Random Forest, Gradient Boosting*

Fraud-detection pipeline on 20k synthetic auto claims; optimized profit and explained drivers.

### Singapore CPI Forecasting (2010–2024)

*Python & Stata: LASSO, ARIMA, Random Walk*

Rolling CPI forecasts for Singapore; LASSO delivered the lowest error.

### Master's Thesis (Business Intelligence) — Pattern & Anomaly Detection

*Unsupervised learning on national economic & social data*

Identified unusual patterns in Ecuador's 2013–2023 datasets to support risk reviews; reproducible and documented.

### Automobile Markets Research

*Econometrics: demand estimation, price elasticity, competition*

U.S. auto demand analysis; elasticities & competitive effects to inform pricing/assortment.

### Visualizations (Power BI, Kepler.gl)

*Dashboards & geospatial analysis*

Executive KPI dashboards and urban-infrastructure hotspot mapping for decision support.

## SKILLS DEVELOPED THROUGH EDUCATION AND EXPERIENCE



---

**Programming & Data:** Python (pandas, numpy, statsmodels), SQL, Stata, R, Excel (advanced), TM1/Planning Analytics.

**Econometrics & Causal:** Panel/FE, IV, DID; clustered/robust SEs; A/B and quasi-experimental design.

**Forecasting & ML:** Time series (ARIMA, Random Walk w/ drift), regularization (LASSO), tree-based (Decision Trees, Random Forest, Gradient Boosting), k-Nearest Neighbors (kNN).

**Visualization Tools:** Power BI, Kepler.gl.

**Languages:**  English (Fluent)  Spanish (Native)