

Eduardo Duarte Mosca Arantes de Souza

EDUCATION

Rotman School of Management & Department of Economics, University of Toronto <i>Master of Financial Economics</i>	Toronto, Ontario <i>Expected Jun 2027</i>
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- **Award:** Graduate Entrance Scholarship (\$4,000)
- **Relevant Courses:** Security and Portfolio Analysis (MBA), Options and Futures Markets (MBA), Econometrics (MA), Microeconomics (MA), Financial Economics (MA)

Department of Economics, Simon Fraser University <i>Honours Bachelor of Arts (Distinction), Economics</i>	Vancouver, British Columbia <i>Sep 2021 – Jun 2025</i>
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- **Academics:** udGPA: 3.8/4.33
- **Awards/Scholarships:** Dean's Honour Roll 2023-2025;
- **Relevant Courses:** Econometrics I & II (A); Calculus III (A); Linear Algebra (A); Intermediate & Advanced Microeconomic Theory (A); Advanced Macroeconomic Theory (A); Programming I (A)

INDUSTRY CERTIFICATIONS

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| – CFI: Fixed Income Fundamentals; Accounting Fundamentals; Reading Financial Statements; Excel Fundamentals; Corporate Finance Fundamentals; Fixed Income Fundamentals | 2025 |
| – TTS Training The Street – Financial Statement Analysis; Discounted Cash Flow Analysis and Modelling, Merger Consequences Analysis and Modelling | 2025 |
| – Bloomberg Market Concepts (BMC) | 2025 |

PROFESSIONAL EXPERIENCE

Simon Fraser University <i>SFSS Council Representative</i>	Vancouver, British Columbia <i>Winter 2024</i>
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- Managed university grants for the Economics Student Society, ensuring optimal allocation of funds, compliance with financial guidelines, and effective utilization of resources
- Partnered with representatives from diverse student organizations to promote university policies of inclusion, diversity, and academic success
- Spearheaded career and academic events, including the annual Career Night featuring leading economists and business experts, providing students and alumni with valuable networking and professional development opportunities
- Worked with faculty and students to structure course requirements for the Economics and Honours programs, and took part in the development of an up-and-coming Quantitative Economics

RELEVANT ACADEMIC PROJECTS

Public Credit - Fixed Income MA Crossover Strategy	Toronto, Ontario <i>Jun 2025 – Jul 2025</i>
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- Used Python to conduct a grid search to find the optimal moving average period across securities
- Utilized a constrained maximization model to find optimal weights for each bond
- Accounted for FX and trading transaction costs (spread) dynamically
- Utilized Cross Validation on the Time-Series data to examine model overfitting

Assessing the Effects of Environmental Deregulation on the Amazon's Labour Market	Vancouver, British Columbia <i>Sep 2024 – Jun 2025</i>
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- Worked in R using Brazilian PNAD census survey to collect micro-level Panel data
- Created a regression model (DiD) to examine policies' effects on labour market dynamics
- Used matrix algebra to derive statistically robust standard errors, accounting for cluster correlation of errors, yielding valid inference statistics and findings

The Effect Of Floor Height on Unit Price: A Hedonic Price Model	Vancouver, British Columbia <i>Jan 2024 – May 2024</i>
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- Gathered primary data from the BC Assessment Authority and
- Transformed and cleaned data to perform statistical analysis
- Created a framework to assess home prices using an OLS model, and correctly accounted for 95% of home pricing factors on Burnaby Mountain, BC

PERSONAL

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- **Technical skills:** R, Matlab, Python, Stata, Latex, Microsoft Office
 - **Languages:** Native Portuguese, Italian, English, Spanish and Basic Slovene
 - **Interests:** Chess, Gastronomy, Piano, Photography, Solo Adventure Travelling