

TIM DE SILVA

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ACADEMIC POSITIONS

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| 2025- | Assistant Professor of Finance, STANFORD UNIVERSITY, GRADUATE SCHOOL OF BUSINESS |
| 2024-2025 | Postdoctoral Fellow, STANFORD UNIVERSITY, INSTITUTE FOR ECONOMIC POLICY RESEARCH |
| 2022-2025 | Visiting Scholar, AUSTRALIAN NATIONAL UNIVERSITY |
| 2022-2024 | Honorary Appointment, UNIVERSITY OF TECHNOLOGY SYDNEY |

EDUCATION

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| 2024 | Ph.D. in Management (Finance) MASSACHUSETTS INSTITUTE OF TECHNOLOGY, SLOAN SCHOOL OF MANAGEMENT <i>Dissertation Committee:</i> Taha Choukhmane, Jonathan A. Parker (Co-Chair), Lawrence D.W. Schmidt, Eric C. So, David Thesmar (Co-Chair) |
| 2021 | M.S. in Management Research MASSACHUSETTS INSTITUTE OF TECHNOLOGY, SLOAN SCHOOL OF MANAGEMENT |
| 2018 | B.A. in Financial Economics and Applied Mathematics, <i>magna cum laude</i> CLAREMONT MCKENNA COLLEGE <i>Thesis Supervisor:</i> Fan Yu |

WORKING PAPERS

1. [Insurance versus Moral Hazard in Income-Contingent Student Loan Repayment](#)
 - Winner of *BlackRock Applied Research Award*, *Top Finance Graduate Award*, *FRA Best Paper Award*, *Michael J. Barclay Young Scholar Award*, *Brattle Group PhD Candidate Award*, *USC Marshall School of Business Trefftz Award for Best Student Paper*
2. [Losing is Optional: Retail Option Trading and Expected Announcement Volatility](#), with Eric C. So and Kevin C. Smith.
3. [Model-Agnostic Dynamic Programming](#), with Marc de la Barrera.

PUBLICATIONS

4. [What Drives Investors' Portfolio Choices? Separating Risk Preferences from Frictions](#), with Taha Choukhmane
Journal of Finance, Forthcoming.
5. [Noise in Expectations: Evidence from Analyst Forecasts](#), with David Thesmar
Review of Financial Studies, 2024, 37 (5): 1494-1537.
6. [Are Volatility Expectations in Different Countries Interdependent? A Data-Driven Solution to Structural VAR Identification for Implied Equity Volatility Indices](#)
Undergraduate Economic Review, 2017, 14.

- Winner of Claremont McKenna College *Best Senior Thesis in Financial Economics*

7. *Is Google Search Behavior Related to Volatility? Incorporating Google Trends Data into a GARCH Model for Equity Volatility*
Undergraduate Economic Review, 2016, 13.

SOFTWARE PACKAGES

nndp Dynamic Programming with Neural Networks (joint with Marc de la Barrera)
Source code: [GitHub](#), [PyPI](#)

AWARDS, FELLOWSHIPS, AND GRANTS

2024 Top Finance Graduate Award, SFS Cavalcade PhD Travel Grant, Brattle Group PhD Candidate Award for Outstanding Research, USC Marshall School of Business Trefftz Award for Best Student Paper

2023 Winner of BlackRock Applied Research Award, FRA Best Paper Award, Michael J. Barclay Young Scholar Award, NBER Household Finance Grant (\$15,000), Mark Kritzman and Elizabeth Gorman Finance PhD Research Fund, MIT Sloan Stone Fund (x2), Thomas Anthony Pappas Endowed Scholarship Fund

2022 Mark Kritzman and Elizabeth Gorman Research Fund (joint with Taha Choukhmane)

2018-2024 MIT Sloan PhD Fellowship

2018 Phi Beta Kappa, Robert Day School BA Scholar, International Honor Society of Economics (Omicron Delta Epsilon), Best Senior in Economics, Best Senior Thesis in Financial Economics, Dean's List (Top 15%)

OTHER POSITIONS

2024- US Census Bureau Special Sworn Status (SSS)

2018-2022 Research Assistant for Taha Choukhmane, Eben Lazarus, and Eric C. So

2017 Institutional Equity Derivatives Trading and Research, Morgan Stanley

2016 Quantitative Investment Researcher, Analytic Investors

2016 Research Assistant at the Lowe Institute of Political Economy

2016-2018 Director, Claremont Consulting Group

2015-2016 Lead Consultant, Claremont Consulting Group

TEACHING EXPERIENCE

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| Fall 2022 | TA for 15.425: Corporate Finance (MFin) Professor David Thesmar, MIT Sloan |
| Spring 2022 | TA for 15.453: Finance Lab (MFin) Professors Gita Rao and Bhushan Vartak, MIT Sloan |
| Spring 2022 | TA for 15.539: PhD Seminar in Empirical Methods (PhD) Professors Eric C. So and Charles C.Y. Wang, MIT Sloan |
| Summer 2020 | TA for 15.511: Financial Accounting (Sloan Fellows MBA) Professor Bala Dharan, MIT Sloan |
| Summer 2019 | TA for 15.511: Financial Accounting (Sloan Fellows MBA) Professor Joe Weber, MIT Sloan |
| Spring 2018 | TA for ECON101: Intermediate Microeconomics (undergraduate) Professor Saman Olfati, Claremont McKenna College |

PRESENTATIONS

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| 2025 | <i>Seminars:</i> UT Dallas, Washington Foster <i>Conferences:</i> AFA |
| 2024 | <i>Seminars:</i> Chicago Booth, Princeton Economics, Yale SOM, Harvard Business School, Harvard Economics, London School of Economics (Finance), London Business School, Wharton, UCLA Anderson, Stanford GSB, Northwestern Kellogg, Berkeley Haas, Columbia Business School, NYU Stern, Boston College Carroll, Bocconi (Finance), Stanford FRILLS, OSU Fisher, Claremont McKenna College, USC Marshall, SIEPR Financial Literacy Colloquia <i>Conferences:</i> Q Group Spring Seminar*, Top Finance Graduate Award Conference (HEC Paris), SFS Cavalcade, WFA, Policy Impacts Annual Conference, SITE Market Failure and Public Policy, Swedish House of Finance Workshop on Household Debt Relief, Brookings New Doctoral Research in Tax Policy & Public Finance, NBER Public Economics (Fall), e61 Micro 4 Macro Conference |
| 2023 | <i>Seminars:</i> MIT Sloan (x2), MIT Economics (x2), Inter-Finance PhD Seminar <i>Conferences:</i> AFA*, Olin Finance Conference (PhD Poster Session), Financial Research Association (FRA) Conference, BlackRock Applied Research Award Panel |
| 2022 | <i>Seminars:</i> MIT Sloan (x4), MIT Economics, Quantbot Technologies, Inter-Finance PhD Seminar <i>Conferences:</i> NBER Behavioral Finance (Spring)*, CEPR Workshop on Household Finance*, WFA, SED*, EFA*, NFA*, Texas Finance Festival*, BSE PhD Workshop on Expectations in Macroeconomics, Miami Behavioral Finance Conference* |
| 2021 | <i>Seminars:</i> MIT Sloan (x2) , MIT Economics (x2) <i>Conferences:</i> Transatlantic Doctoral Conference, SoFiE Annual Conference |
| 2020 | <i>Seminars:</i> MIT Sloan (x2) <i>Conferences:</i> Stanford GSB Rising Scholars Conference |
| 2019 | <i>Seminars:</i> MIT Sloan (includes scheduled, * = presentation by co-author) |

PROFESSIONAL ACTIVITIES

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| Referee | <i>Quarterly Journal of Economics, Journal of Political Economy, Journal of Finance, Review of Financial Studies, Review of Economics and Statistics, Management Science, Journal of Financial Econometrics, Journal of Accounting and Economics, The Accounting Review, Journal of Banking and Finance</i> |
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SKILLS

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| Software | PYTHON, FORTRAN, C + + , OPENMP, MPI, OPENACC, GIT, BASH, SLURM, R, SAS, STATA, BLOOMBERG TERMINAL, TeX |
| Languages | English (native), Spanish (beginner) |

ATHLETICS

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| Auto Racing | FIA International Class B License (2017-), FIA Silver Driver Categorisation (2024-), <i>Team USA Scholarship</i> Nominee (2015), <i>Team USA Scholarship</i> Finalist (2016), 5x Formula 2000 Track Record Holder (2016-2017), Pacific F2000 Pro Series Champion (2016), <i>Mazda Road to Indy \$250,000 Shootout</i> Competitor (2016), <i>Motorsports Magazine</i> Silverstone Classic Driver of the Weekend (2022) |
| Golf | Ocean League Conference Individual Champion (2012, 2014), NCAA Division III National Team Champion (2016) |

PERSONAL INFORMATION

Ethnicity: Sri Lankan, White. Citizenship: USA.