

ADAIR ANTONIO DA SILVA NETO

OBJECTIVE

Research in Stochastic Analysis and Geometry, specifically Stochastic Partial Differential Equations, Rough Paths, and Malliavin Calculus.

EDUCATION

PERIOD	March 2025 — February 2029 (Expected)		
DEGREE	Doctor of Philosophy, Mathematics		
UNIVERSITY	The University of Melbourne	Melbourne, Australia	
PERIOD	March 2020 — December 2024		
DEGREE	Bachelor of Science in Mathematics		
UNIVERSITY	University of Campinas (UNICAMP)	Campinas, Brazil	
	UNICAMP is often considered one of the best universities in Latin America.		

EXPERIENCE

PERIOD	August 2025 — December 2025		
EMPLOYER	Mathematics and Statistics Learning Centre	Melbourne, Australia	
JOB TITLE	Tutor (Teaching Assistant): Advanced Probability (Master’s Level)		
PERIOD	August 2024 — December 2024		
EMPLOYER	State University of Campinas	Campinas, Brazil	
JOB TITLE	Teaching Assistant: Real Analysis (Measure Theory)		
PERIOD	August 2023 — July 2024		
EMPLOYER	São Paulo Research Foundation, FAPESP	Campinas, Brazil	
JOB TITLE	Undergraduate Researcher		
	Research Title: Malliavin Calculus with Applications to Finance		
PERIOD	July 2022 — June 2023		
EMPLOYER	São Paulo Research Foundation, FAPESP	Campinas, Brazil	
JOB TITLE	Undergraduate Researcher		
	Research Title: An Introduction to Stochastic Differential Equations		
PERIOD	August 2021 — December 2021		
EMPLOYER	State University of Campinas	Campinas, Brazil	
JOB TITLE	Undergraduate Teaching Assistant: Linear Algebra		
	Explaining concepts resulted in a 37-pages text (in Portuguese). Solved problems from the textbook.		
PERIOD	September 2015 — August 2021		
EMPLOYER	Municipal Foundation for Community Education	Campinas, Brazil	
JOB TITLE	Administrative Agent		
	Data analysis with Excel and Python/Pandas Quantitative reports for accountability		



SKILLS

Computer Languages	Python, MatLab, R, C/C++, Clojure
Libraries	Pandas, Matplotlib, Numpy, Scikit-learn
Tools	GIT, Vim, Emacs, L ^A T _E X, Microsoft Excel
Languages	Portuguese (native), English (IELTS overall score 8.0)
Other	Program Design, Analytical Reasoning