Adair Antonio da Silva Neto

Objective

Research in Stochastic Analysis, specifically Rough Paths Theory, and its applications in Machine Learning and Finance.

Work Experience

Period	**August 2024 — December 2024**	
Employer	**State University of Campinas**	Campinas, Brazil
Job Title	**Undergraduate Teaching Assistant: Linear Algebra**	

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	**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

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.

Education

Period	**March 2020 — December 2024 (Expected)**	
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.

Skills

Computer Languages	Python, MatLab, R, C/C++, Clojure
Libraries	Pandas, MatPlotLib, Numpy, Scikit-learn
Tools	GIT, Vim, Emacs, LaTeX, Microsoft Excel
Languages	Portuguese (native), English (fluent)
Other	Program Design, Analytical Reasoning