About Me

Alex Monito Nhancololo

Ph.D. student in Statistics and Probability

A. M. Nhancololo is a Ph.D. student in Statistics and Probability at the Institute of Mathematics, Statistics and Computer Science, University of São Paulo (IME–USP). He holds an M.Sc. in Statistics and Agricultural Experimentation from the Federal University of Lavras (UFLA), where he received the Best Thesis Award (2024), and a Bachelor of Education in Mathematics with a specialization in Statistics from Universidade Save (Mozambique). He is also pursuing an M.Sc. in Financial Engineering at WorldQuant University and an MBA in Artificial Intelligence and Big Data at the Institute of Mathematical and Computer Sciences, University of São Paulo (ICMC–USP). He was awarded third place in the Spatial AI Challenge 2024 (I-GUIDE), together with Julian Huang and Yue Lin (University of Chicago). His primary research interests lie in spatio-temporal statistics and their applications to the social sciences, environmental studies, ecology, agriculture, and medicine. Methodologically, his work focuses on geospatial intelligence (GeoAI), machine learning, natural language processing, and deep learning, alongside spatial point processes, lattice/area data, geostatistics, and time-series analysis.

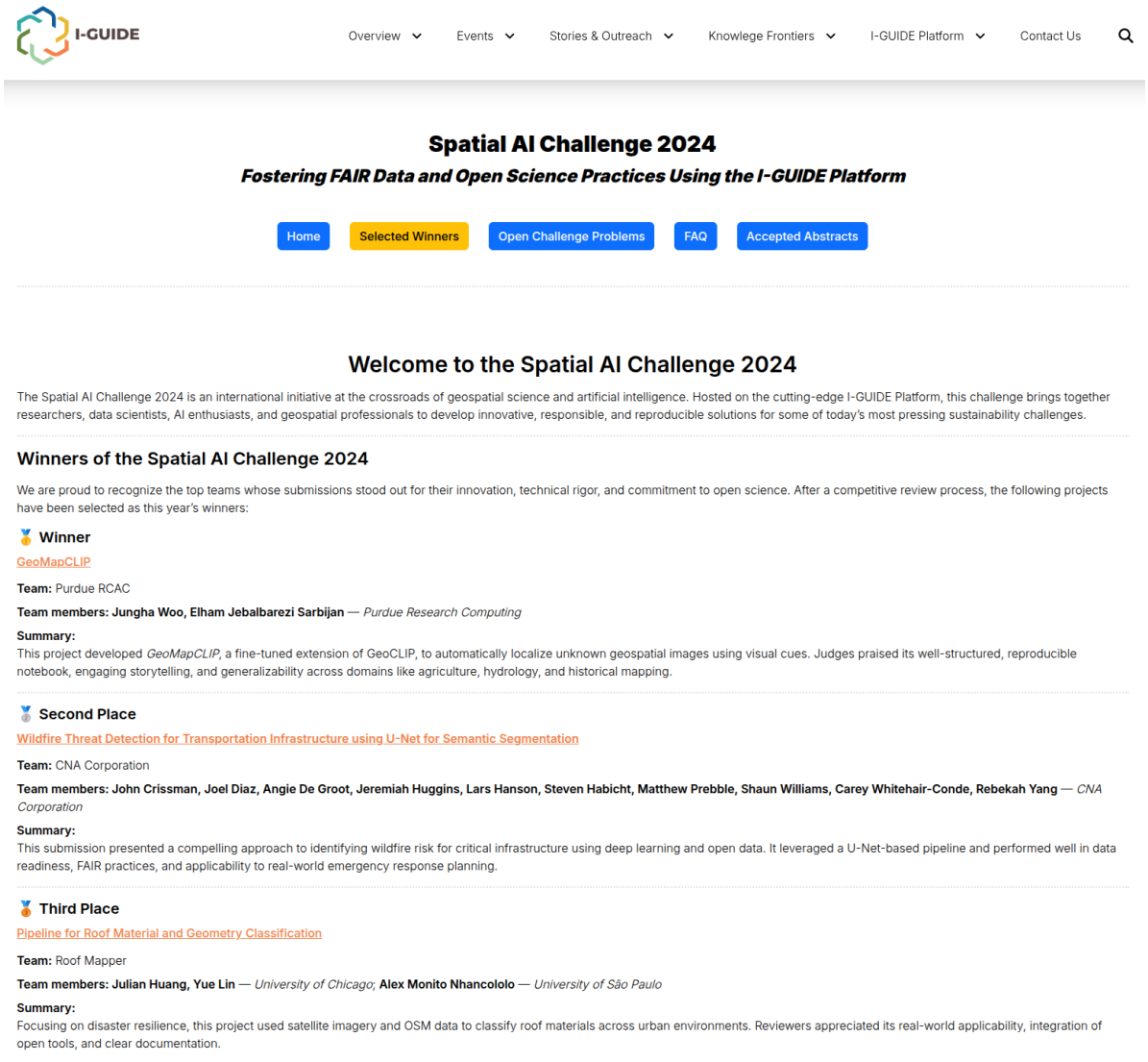
Download CV

Honors & Awards

2025 · I-GUIDE

Spatial AI Challenge 2024

Awarded third place in the Spatial AI Challenge 2024 (I-GUIDE), together with Julian Huang and Yue Lin (University of Chicago).



2025 · UFLA

2024 Best Master's Thesis Award in Statistics

Award for the Best Master's Thesis in Statistics, defended in 2024

Advisor: Prof. João Domingos Scalon

CERTIFICADO DE MELHOR DISSERTAÇÃO DO ANO DE 2024

A PRÓ-REITORIA DE PÓS-GRADUAÇÃO da UNIVERSIDADE FEDERAL DE LAVRAS outorga ao (à) discente

Alex Monito Nhancololo

o Prêmio de Melhor Dissertação do ano de 2024 do Programa de Pós-Graduação em Estatística e Experimentação Agropecuária ao trabalho intitulado **"Processos Pontuais Espaciais Univariados Aplicados a Distribuição de Espécies Arbóreas em Florestas Naturais"** sob a orientação de **João Domingos Scalon.**

Lavras, 14 de novembro de 2025.

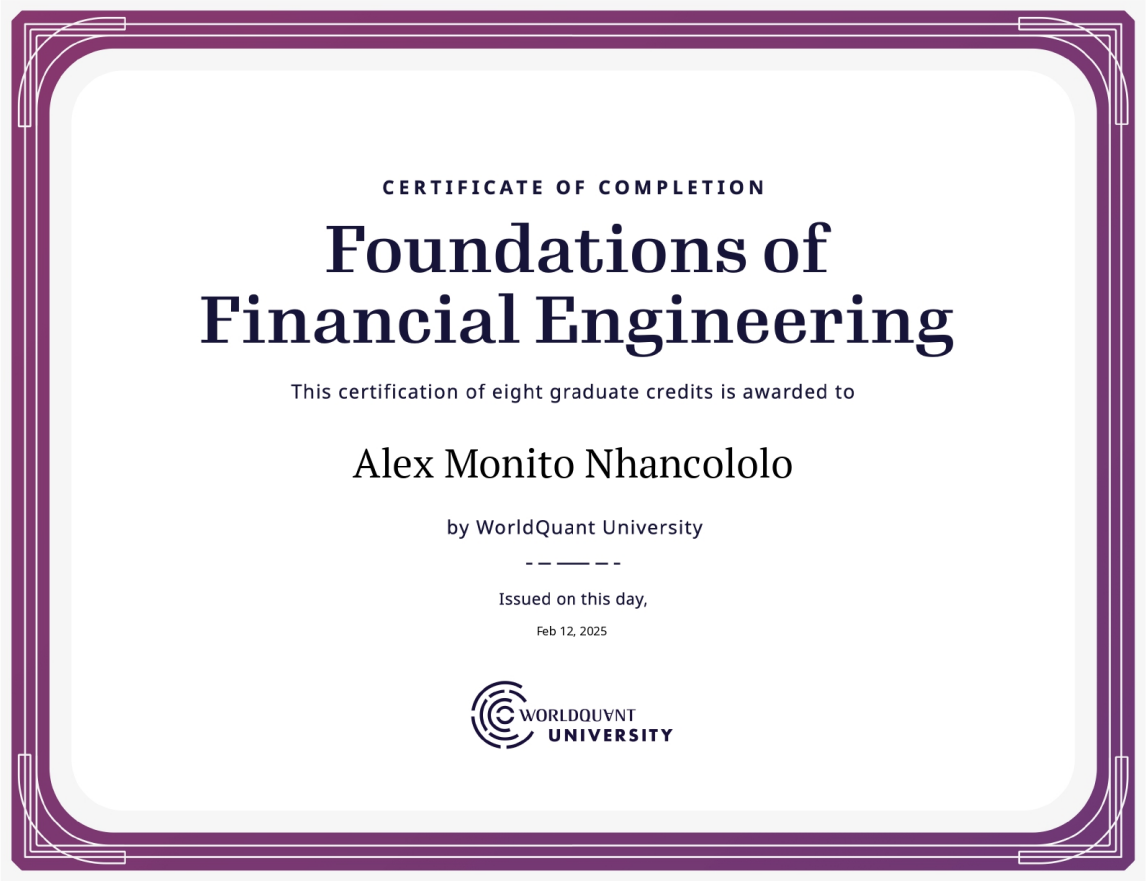
Adriano Teixeira Bruzi
Pró-Reitor de Pós-Graduação

2025 · WordQuant University

Foundations of Financial Engineering

Foundations of Financial Engineering (FFE) Certificate, distinction ($\geq 80\%$ average).

- Applied linear algebra and Python for filtering, summarizing, and transforming structured and unstructured financial data
- Prepared datasets for econometrics, machine learning, and deep learning models
- Conducted quantitative analysis of financial risks including credit risk, volatility, and liquidity



2017: 04. Secondary School of Inharrime

Poultry Production

Outstanding Student in the Poultry Production Course

REPÚBLICA DE MOÇAMBIQUE

GOVERNO DA PROVÍNCIA DE INHAMBANE

DISTRITO DE INHARRIME

ESCOLA SECUNDARIA 09 DE MAIO DE INHARRIME

DIPLOMA DE HONRA

Este diploma constitui um reconhecimento ao aluno Alex Monito Nhancololo, ***pelo mérito no desempenho das actividades, durante o curso de avicultura, tendo se destacado como o melhor estudante, com a classificação de 18 valores***

República de Moçambique
Prov. de Inhambane
Distrito de Inharrime
Escola Secundária 09 de Maio

Formadora

.....

Director

.....