

EDUCATION	University of Sao Paulo <i>MS in Mathematics, Statistics and Computing Applied to Industry</i> • Advisor: Sergio Adriani David • Research area: Data Science and Machine Learning • GPA: 4.0/4.0	Sao Paulo, Brazil 2022 - Present
	University of Sao Paulo <i>MBA in Data Science and Analytics</i> • Advisor: Cesar Alexandre de Souza • GPA: 4.0/4.0	Sao Paulo, Brazil 2021 - 2022
	University of Sao Paulo <i>BS in Physics</i> • Advisor: Jose Roberto Brandão de Oliveira • Undergraduate Research Project: Improvement of collimator systems for gamma-particle coincidence measurements • GPA: 3.0/4.0, Rank: 6/28.	Sao Paulo, Brazil 2013 - 2017
WORK EXPERIENCE	Hand Talk Data Scientist • Developed and optimized AI-driven Sign Language Translation models, and automating 3D animation processes with generative AI to reduce manual effort. Implemented computer vision techniques for accessibility, expanding reach to visually impaired users, while streamlining data workflows through cloud integration to ensure data integrity and efficiency. Leveraged MLOps tools for model tracking and experimentation, accelerating the AI development lifecycle.	Jun 2021 - Present
PUBLICATIONS	<ol style="list-style-type: none"> 1. Automatic Sign Language to Text Translation Using Mediapipe and Transformer Architectures Wesley F. Maia, Antônio M. Lopes, Sergio A. David. <i>Neurocomputing - Under Review.</i> 2. Machine Learning Applied to Estate Pricing for Residential Rentals in Dynamic Urban Markets - the Case of São Paulo City Wesley F. Maia, Sergio A. David. <i>Engineering Analysis with Boundary Elements, 2024.</i> 3. Multi-level Product Category Prediction through Text Classification Wesley F. Maia, Francisco Louzada, Angelo Carmignani, et al. <i>Under Review.</i> 	
TEACHING EXPERIENCE	Colegio Estrutural Physics and Computer Science Teacher. • Designed and delivered lessons in Physics, Mathematics, and Computer Science for high school students. • Introduced students to programming and computational thinking through hands-on coding projects.	Jan 2020 - Jun 2021
	University of Sao Paulo Teaching Assistant • Served as an esteemed Assistant to distinguished Professors in the Physics department at the University of Sao Paulo. In this pivotal role, I undertook a multitude of responsibilities that were instrumental in supporting the academic pursuits of both the faculty and students.	Feb 2017 - Dec 2019

AWARDS	• Academic Scholarship , MS University of Sao Paulo	Aug 2022
	• Academic Scholarship , MBA University of Sao Paulo	Jan 2021
	• Santander Universities Academic Scholarship	Aug 2013
SKILLS	Languages: Portuguese, English, Spanish.	
	Programming: Python, C++, MATLAB, R.	