

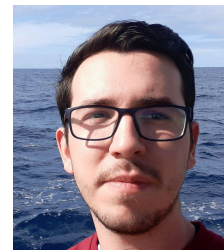
Rafael Couto Martins

Curriculum Vitae

Instituto Oceanográfico - Universidade de São Paulo

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Higher Education

2019 - 2023	B.Sc., Oceanography - Instituto Oceanográfico da Universidade de São Paulo
2024 - Present	M.Sc., Physical Oceanography - Instituto Oceanográfico da Universidade de São Paulo

Work Experience

2020-2020	Intern at Laboratório de Manejo, Ecologia e Conservação Marinha Title: Heuristic and Dialectical Approach to Critical and Interdisciplinary Formation within the Public Policies Program at IOUSP Culture and Extension Program under the grant of “Programa Unificado de Bolsas de Estudo (PUB)”.
2020-2021	Intern at UNESCO Chair on Ocean Sustainability.
2020-2021	Inter at Laboratório de Dinâmica Oceânica (LaDO) - IO USP. Title: The Brazil Current in a Climate Change Scenario (1980-2016). Scientific Initiation under the grant of “Programa Unificado de Bolsas de Estudo (PUB)”.
2021 - 2022	Inter at Laboratório de Dinâmica Oceânica (LaDO) - IO USP Title: Sverdrupian Recirculation of the Brazil Current: Structure and Variability on Climatic Scale Scientific Initiation associated with a project between PETROBRAS and the Oceanography Institute of the University of São Paulo with the administration of Fundação de Apoio à Universidade de São Paulo (FUSP).
2022-2023	Intern at Laboratório de Dinâmica Oceânica (LaDO) - IO USP Title: Structure, Seasonal Variability, and Dynamics of the Brazil Current Recirculation Cell. Scientific Initiation under the grant of Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP).
2023-2023	Inter at Exploring the Upper Ocean - Tandon Laboratory at UMass Dartmouth. Title: Classic Wind-driven Models Applied to the South Atlantic Subtropical Gyre International internship project under the grant of Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP).

Publications

da Silveira, I. C. A., Lazaneo, C. Z., Amorim, J. P. M., Silva, B. M., Bernardo, P. S., Martins C. R., Dottori, M., Belo, W. C., Martins, R. P., Moreira, D. L. Oceanographic conditions of the continental slope and deep waters in Santos Basin: the SANSED cruise (winter 2019). *Ocean and Coastal Research*, OCR-2022-0066.

Oceanographic Cruises

2022

Sambar III - carried out aboard the oceanographic research vessel Alpha Crucis of the University of São Paulo

Skills

Languages

Portuguese (mother language)

English (B2 First level certified by Cambridge Assessment English)

Japanese (N5 level of the Japanese-Language Proficiency Test certified by the Japan Foundation and Japan Educational Exchanges and Services)

Softwares

Python

Julia

MATLAB

C++

LateX

Excel

PAST