

SHORT CURRICULUM VITAE



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Florianópolis, Santa Catarina - Brasil

1. EDUCATION

2020 - present Undergraduate Biology student, Universidade Federal de Santa Catarina (UFSC), Brazil.

2024 - 2025. Undergraduate Exchange in Marine Biology, Universidade do Algarve (UALg), Portugal.

2. PROFILE

I'm a deeply creative and curious person, for that reason have always been fascinated by biology and its many fields. My journey as an undergraduate student began as a teaching assistant in Molecular Biology, where I mainly helped fellow students with lab protocols. My academic path then luckily led me to Zoology classes, where I became increasingly intrigued by reef fishes - which ended up sparking my passion for Marine Biology. Since 2022, I have been part of the Marine Biogeography and Macroecology Laboratory (LBMM), initially contributing to science outreach and media production, and later engaging in research through analyses of Remote Underwater Videos (RUVs). Currently, under the supervision of Prof. Dr. Sergio Floeter, I am developing my thesis on the feeding pressure of reef fishes on the benthos of Saint Helena, an isolated island located in the Mid-Atlantic Ridge. In parallel, I continue to participate in the outreach program "*Um Oceano de Conhecimento*", organizing educational activities for students. I am also an intern at the NGO R3 Animal, where I work to promote environmental awareness grounded in the principles of ocean literacy.

3. ACADEMIC SCHOLARSHIPS

2023 - 2024. **Undergraduate Research Project**
Feeding Pressure of Reef Fishes on the Benthic Environment of Saint Helena Island (UFSC).

2023. **University Science Outreach Program**
Spreading marine biodiversity knowledge through the production of media (LBMM/UFSC).

2022. **Teaching Assistant for Molecular Biology (UFSC).**

4. INTERSHIPS

2025 - present **R3 Educa, Associação R3 Animal**
Environmental education and ocean literacy within an NGO dedicated to the rehabilitation of seabirds and marine mammals.

5. WORK EXPERIENCE

Marine Research & Fieldwork

Analysis of Remote Underwater Videos (RUVs) - Identified fish species, estimated sizes, quantified feeding activity, and analyzed data to study reef fish interactions.

Fisheries Monitoring - Monitored subsistence fishing by identifying species, measuring and weighing catches, counting individuals, and recording data for population assessments.

Mark and recapture - Captured, measured, photographed, and marked *Grapsus grapsus* at Trindade Island for population monitoring.

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Foraminifera Screening - Separated foraminifera from sediment samples for conservation paleobiology research.

Laboratory Experience - Performed PCRs and assisted with molecular biology lab protocols.

6. VOLUNTEER WORK

- ICMBio Volunteer - NGI Grandes Unidades Oceânicas, Trindade Island**
2025. Participated in fisheries monitoring, waste assessment, and environmental education activities at the oceanographic station ([Posto Oceanográfico da Ilha da Trindade](#)). Gained experience in field data collection and assisted in research activities contemplated by [PROTRINDADE](#)
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- Environmental Educator - Projeto TAMAR**
2023. Conducted environmental education activities, guided visitors, and contributed to sea turtle care, supporting conservation efforts along the Brazilian coast.
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- Book Illustrator**
2020. Illustrated *Uma Jornada pela Filosofia: O Encontro*, part of the UFPR project "Philosophy in Elementary Education" led by Professor Karen Franklin Ph.D.

7. SCIENTIFIC OUTREACH

I consider reaching out to the community and engaging people in science one of the most important aspects of being a researcher. For that matter, I am currently a member of the project "*Um Oceano de Conhecimentos*", aimed at promoting ocean literacy through creative and engaging content. The initiative welcomes students from public schools into the laboratory to teach them about the reef ecosystems and promotes educational events outside of the University. Alongside the R3 Educa project, I've had the opportunity to work with a wide range of audiences - from children aged 8 to 12 in public schools of Florianópolis to teenagers, university students and general public - introducing concepts about marine biodiversity and the anthropologic impact that it faces.

8. DIVING QUALIFICATIONS

PADI Open Water Diver

9. LANGUAGES

Portuguese - Native
English - Advanced (reading, writing, speaking)
Spanish - Intermediate (reading, writing, speaking)

*PORTFOLIO

[Portfólio MariUghini](#)

PHOTO GALLERY

