

# Melanie

## Poerner Loureiro

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604.715.2729



### OBJECTIVE

I'm a third year Bachelor of Science student (Vancouver Island University) pursuing a Major in Biology and a Minor in Fisheries & Aquaculture. My goal is to acquire more experience in **research (lab, data entry, data analysis and fieldwork)**. I'm always eager to learn, improve and work towards being more science literate every day.



### WHAT I HAVE TO OFFER

- Proficient in Microsoft Office
- Dedicated, reliable & organized
- Great interpersonal skills with familiarity on educational outreach
- Experience in forage fish eggs sample collection, processing and analysis
- Understanding of dissecting microscopes and zooplankton identification
- Experience in fish dissection and data collection
- Basic snorkel skills

- Over 5 years of experience in administrative office jobs
- Work with Adobe Illustrator and Adobe Photoshop

 Unesco's 17 SDG's (Sustainable Development Goals) Training - Focused on Awareness, advocacy and local implementation



### WORK EXPERIENCE

#### EDUCATIONAL/PUBLIC OUTREACH

@ Deep Bay Marine Field Station  
SUMMER 2023

Full time work during Summer 2023. Responsible for daily administrative duties. Provided guided tours to incoming visitors. Ensured the animals at the touch tank are being properly handled and fed, keeping track of tanks' conditions such as temperature and DO. Participated in delivering and creating a presentation on plankton for youth.

#### SEAFOOD BUSINESS ACCELERATOR ASSISTANT

(Remote)  
SPRING 2023

Assisted in the marketing and advertising the Seafood Business Accelerator (SBA) event at the Deep May Marine Station in March and April 2023, as well as esposition displays and booklet.

#### EDUCATIONAL/PUBLIC OUTREACH

@ Deep Bay Marine Field Station  
SUMMER 2022

Full time work during half of Summer 2022. Responsible for opening administrative duties, cashing in and out and preparing the station for visitors. Guided visitors throughout the station in tours. Ensure the animals at the touch tank are being properly handled, fed, explain physiological characteristics of the animals to the public. Worked on science literacy activities and materials for youth.

#### QUEEN ELIZABETH SCHOLAR INTERNSHIP

@ Tobacco Caye Marine Station (Belize)  
SUMMER 2022



Awarded the Queen Elizabeth Scholarship, focusing on the Building Resilience in Coastal Communities program. Some of my duties were: Assist in the research of invasive Lionfish (dissections and data collections), collect data for Coral Watch research and conservation, assist guides during snorkel trips, educational outreach with tourists and students, writing fact files on marine biodiversity, and much more!

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### WORK EXPERIENCE (continued)

#### RESEARCH ASSISTANT

@ Centre for Seafood Innovation (VIU)  
SPRING 2022

Remote literature research work looking into the extension of shelf life of live scallops using Modified Atmosphere Packaging (MAP) method, where the air content inside the package is changed in order to enhance the scallop's survival. A formal research was conducted, including literature review and data collection.

#### LAB TECHNICIAN

@ BC Centre for Aquatic Health Sciences  
SUMMER 2021

Full time work as a Lab Technician in Campbell River, where I performed BioAssays (EMB on sea lice), biofouling zooplankton identification on fish farms' nets, juvenile salmonid identification, zooplankton and marine invertebrate identification, as well as data collection, data entry and quality control of data entry.

#### WORK-OP RESEARCH ASSISTANT

@ MABRRI (VIU Campus)  
FALL 2019 and SPRING 2020 Semesters

Introduction to intertidal research experience involving: field work, process of samples (vortex method) and analysis of collected samples through a microscope, looking for signs of successful forage fish spawning (eggs).

#### TEACHING AND LEARNING PROJECT ASSISTANT

@ CIEL (VIU Campus)  
SPRING 2020 Semester

Creation of a sample and step-by-step e-Portfolio guide to help students and faculty to use Wordpress to create their own ePortfolio. Updated layout of several educational and guidance PDF documents for the Learning Matters VIU website.



### VOLUNTEER WORK EXPERIENCE

Biology Club Merchandise & Social Media Manager  
FALL 2021 Semester

Responsible for the order, forms and distribution of Biology Club merchandise products to the students, as well as marketing of events and merch on Instagram.

MARS Wildlife Rescue Centre  
July 2020 (Full time - 2 weeks)

Cared for injured wild animals, assessed their health and nutrition, participated on wildlife rescue, prepared meals, fed the patients and "Ambassadors", as well as duties such as hospital cleaning and updates on patient's log books.

Nanaimo Science (NS3)  
2017 - 2021

Participated in multiple community outreach science events, as well as provide free graphic design services to promote their events on social media.

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### **BACKGROUND EDUCATION**

Bachelor's Degree in Graphic Design  
UNIVILLE UNIVERSITY  
Joinville, Brazil  
2008-2013



### **BACKGROUND WORK EXPERIENCE**

GRAPHIC DESIGNER  
@ Print Three (Print Shop)  
August 2017 - September 2019

Lead graphic designer of two branches of print shops, taking orders from customers, creating posters, brochures, flyers, business cards (etc). Also responsible for replying to all client emails regarding graphic design and managing own load/projects schedule.