

# QUYNH VO



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## PERSONAL STATEMENT

I am an aquaculture enthusiast with curiosity in development of the aquaculture industry and their responsibility to the industry's practice, especially the farming of Atlantic salmon. My research is focused on development of a computer vision approach to monitor the welfare of farmed salmon in offshore aquaculture in Tasmania. I work with the industry partners in Tasmania to address their concerns about the welfare of farmed salmon offshore.

## EDUCATION

10/2022 - Present

**PhD Candidate (Research)** - Griffith University (Australia).

The objective of this PhD project is to develop computer vision approaches to monitor salmon offshore aquaculture in Tasmania. The project will provide an automated system to observe the condition of fish and support decision-making by managers. The outcome will be a model that helps managers maximise the welfare of fish while keeping the monitoring costs at offshore farms low.

This PhD project is in collaboration between Griffith University, the University of Tasmania and all three of Tasmania's salmon aquaculture companies: Tassal, Huon Aquaculture and Petuna. I work under the supervision of Prof Kylie Pitt, Prof Bela Stantic, and Dr Lukas Folkman (Griffith University).

09/2019 – 08/2021

**MSc** - Erasmus Mundus Joint Master Degree in Aquaculture, Environment, and Society. **EMMJD ACES** comprises semesters of study at the Scottish Association for Marine Science (UK), University of Crete (Greece), University of Nantes (France).

*Title of thesis:* Understanding Corporate Social Responsibility Initiatives Across Aquaculture Context: A Case Study of Farmed Scottish Salmon and Vietnamese Shrimp and Pangasius. This is a study combining document analysis with stakeholder interviews. I worked on the project remotely, under the supervision of Dr Franco and Dr Billing (SAMS).

09/2012 – 03/2016

**BSc** – Fisheries Resource Management at Can Tho University, Vietnam.

- The programme of study included Marine Biology, Fisheries Oceanography, Marine Ecosystem, Marine Biodiversity and Conservation, Monitoring and Environmental Warning, Science of Environmental Management.

## EMPLOYMENT

01/2018 – 08/2019

**Research Assistant** - College of Aquaculture and Fisheries, Can Tho University, Vietnam

- Participated in 2-year research project funded by ODA loans from the Government of Japan to access the effects of climate change on capture fisheries in the coastal areas of the Mekong delta, Vietnam.
- Assisted in planning, training of participants, and the development and management of partnerships with local authorities and fishermen, conducted interviews, oversaw contracts, budget management, going on fishing boats for field sampling, was responsible for data entry and data analysis, and contributed to writing papers.

I worked under the supervision of Dr Ha Phuoc Hung (the research leader) with the programme output of 3 papers (Vietnamese) published in Can Tho University Journal of Science. To link to the articles: DOI: [10.22144/ctu.jsi.2020.054](https://doi.org/10.22144/ctu.jsi.2020.054); DOI: [10.22144/ctu.jsi.2020.055](https://doi.org/10.22144/ctu.jsi.2020.055); DOI: [10.22144/ctu.jsi.2020.028](https://doi.org/10.22144/ctu.jsi.2020.028).

03/2016 – 04/2017

**Laboratory Technician** – Ba Ria – Vung Tau Shrimp Hatchery, C.P. Vietnam Corporation, Vietnam

- Laboratory skills and operating hatchery experience, extraction of DNA and practice of Polymerase Chain Reaction (PCR).
- Responsible for examining shrimp quality in their early life stages and before selling, live prey (phytoplankton and zooplankton) and environmental parameters.

## EXPERIENCE

06-07/2020	Traineeship at the University of Crete, Crete, Greece.
10/2019	Poster presentation at Scottish Association for Marine Science (UK).
09/2019	Attended 'Future Workshop' on <i>Enterprising and Innovation</i> at Level 1 (Future Thinker) at the Scottish Association for Marine Science (UK).
05-07/2017	Traineeship – Service Center Attendant at Vinpearl Phu Quoc Resort (Vietnam)
12/2015	Team leader - Field research (1 month) on the <i>Financial Effectiveness and Application of Standards in Shrimp Farming</i> in Soc Trang, Vietnam.
03-04/2015	Team leader - Field research (2 months) on <i>The Impacts of Dams on Local Livelihoods</i> in Ca Mau Peninsula, Vietnam.

## COURSES

03/2022	BSRIA E-learning module - Life Cycle Assessment with Durabroads (Score: 35.19/40)
12/2021-01/2022	MOOC - Planning and Management of Marine and Coastal Areas. Marine Education and Communication Network on the Mediterranean.
8-9/2021	GAIN Summer School - Ecological Transition in Aquaculture.
11/2020	Research Ethics Training and Professional Development. The training was provided by the University of Highlands and Islands.

## PUBLICATIONS

04/2020	Fishing status and awareness of the impact of climate change to the coastal trawl-net in Soc Trang province. DOI: <a href="https://doi.org/10.22144/ctu.jsi.2020.028">10.22144/ctu.jsi.2020.028</a> (Vietnamese).
04/2020	Fishing status and fishermen's perception of climate change impacts on coastal bag-net fishing in Soc Trang province. DOI: <a href="https://doi.org/10.22144/ctu.jsi.2020.054">10.22144/ctu.jsi.2020.054</a> (Vietnamese)
04/2020	Fishing status quo and awareness of the climate change to coastal gillnet at Bac Lieu province. DOI: <a href="https://doi.org/10.22144/ctu.jsi.2020.055">10.22144/ctu.jsi.2020.055</a> (Vietnamese)

## COMPUTER SKILLS

Microsoft Office, QGIS, R, Python.

## LANGUAGES

*Vietnamese* - Native language

*English* - Professional working proficiency

## HOBBIES

Reading nonfiction books and memoirs, playing volleyball, cooking different types of cuisines, and living and working in a multicultural environment.

## REFERENCES

Prof **Kylie Pitt** (*Principal supervisor of my PhD project*). Griffith University (Australia).  
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Dr Sofia C Franco (*Main supervisor of my master thesis*). Scottish Association for Marine Science (SAMS-UHI) (Scotland). E: [sofia.franco@sams.ac.uk](mailto:sofia.franco@sams.ac.uk). T: +44 (0)1631 559 459.

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Prof **Elizabeth Cottier-Cook**. (*Programme leader of the [EMMJMDACES](#)*). Scottish Association for Marine Science (SAMS-UHI) (Scotland). E: [ejc@sams.ac.uk](mailto:ejc@sams.ac.uk). T: +44 (0)1631 559243.

Dr **Ha Phuoc Hung** (*Reach leader of the 2-year project*). Can Tho University (Vietnam).  
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