

# Tom Armstrong

Passionate Ecologist & Conservationist

## CONTACT

+61478909479

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## SKILLS

Experimental Design

PAM Deployment

Camera Trapping

R/ SQL/ Excel

Raven Pro

ArcGIS

IOT Development

## QUALIFICATIONS

Cert. Google Data Analytics

Cert. SQL for Data Science

## INTERESTS

Birding

Conservation Ecology

Bioacoustics

Eco Acoustics

Conservation Technology

Data Analysis

Immersive Sound

Animal Physiology

Wildlife Photography

Hiking

## PERSONALITY

Leadership

Highly motivated

Organised

Socially adept

Stress-tolerant

Team player

## WORK EXPERIENCE

### **Bushland Conservation Management - Natural areas field crew**

From Jan 2023 until Aug 2024, I worked with a team of 8 people undertaking bush regeneration in the Sunshine Coast area of QLD, Australia. My responsibilities included flora/ fauna identification, invasive flora removal, bird surveys, ecological strategy and planning. Bushland conservation management have had a Glossy-black cockatoo project in which we monitored nest site activity within the Sunshine Coast region. I have gained experience in bioacoustics sensor deployment and its analysis within R studio and Raven.

### **Horticulture**

From 2019 to 2022, I took management of a small-scale horticulture farm, producing between 2-3 tonne of produce per week. A wealth of practical experience was honed during this time, from fixing engines and repairing irrigation to pest identification and plant care. I employed up to 7 staff, strengthening my leadership, and organisation skills.

### **Audio**

I have a Bachelor's degree in Audio Production (2010) and subsequently started a freelance audio engineering service. Operating my own business taught me organisation and leadership skills as well as the importance of maintaining a professional work ethic. This line of work offered challenges, many of which were directly related to the management and organisation of people. As a result, my ability to comprehend and deal with difficult social situations is excellent.

- Live sound engineer (In venue & touring)
- Location Sound recordist (Film & TV)
- Post - production mixing engineer (Film & TV)

### **Maritime**

Between 2014 and 2017 my wife and I worked in the yachting industry in both the Mediterranean and Caribbean. We worked on several private boats in which we were part of a team carrying out the running and maintenance on board the vessels. This line of work not only developed practical skills in seamanship, but also exemplified a high standard of customer service. In 2018, I worked for Brisbane Marine Pilots (Australia) as a deckhand. Working alongside a skilled team of mariners, delivering navigational pilots to commercial cargo ships.

- Commercial Yacht Master
- Over 5000 miles sailed

## EDUCATION

### **B. Sc. Zoology (Major: Ecology)**

University of New England, Armidale, Australia | From 2022

### **B. A. Audio Production**

SAE Institute, Byron Bay, Australia | 2008 - 2010