

# MCGRATH, ALICE

**Name of Organisation:** Lwandle Technologies (Pty) Ltd  
**Profession:** Oceanographer/Marine Biologist  
**Position in Firm:** Marine Environmental Scientist  
**Date of Birth:** 17/02/1993  
**Years with Firm:** 2 years, part-time

---

## BIOGRAPHICAL SKETCH

Alice has a background in both Oceanography and Marine Biology, with an interest in the inter-connected relationship between the two. After her BSc Hons in Oceanography, she went on to complete her MSc in the Biological Sciences department at the University of Cape Town (UCT) in 2017. Her dissertation focused on the retention and transport of sardine eggs and larvae around South Africa using a particle-tracking individual-based model. Her MSc was co-badged with the Université de Bretagne Occidentale (UBO) and she spent 5 months working on her dissertation at the European Institute for Marine Studies (IUEM) in Brest.

During her undergraduate studies Alice interned at Lwandle Technologies and assisted with several projects. Her tasks included research and report writing as well as some field work and data analysis. Having enjoyed her taste of this multi-disciplined industry, Alice took up her post at Lwandle Technologies in September 2017 as a Marine Environmental Scientist

---

## EDUCATION

MSc Biological Sciences	University of Cape Town, Cape Town & Université de Bretagne Occidentale, Brest	2017
BSc (Hons) Oceanography (1st Class)	University of Cape Town	2017

---

## EMPLOYMENT RECORD

2017- current Marine Scientist, Lwandle Technologies, Cape Town, South Africa  
2014- 2015 Marine Scientist Assistant, Lwandle Technologies, Cape Town, South Africa

---

## KEY EXPERIENCE

An abridged list of Alice's project experience is presented below:

2017 Project Manager – Data collection, analysis and report writing for a water monitoring plan for a proposed Salt Water Reverse Osmosis Plant for the City of Cape Town  
2015 Assistant – Baseline study for the proposed development of a Floating Power Plant (FPP) in the Port of Saldanha Bay, ERM  
2015 Assistant - Environmental impact assessment for the proposed construction of a port at the Macuse River mouth, ERM  
2015 Assistant - Data analysis and baseline reporting for a port development, for ERM on behalf of ItalThai, Mozambique

---