

WESTON, MARK

Name of Organisation: Lwandle Technologies (Pty) Ltd
Profession: Marine Biologist
Position in Firm: Assistant Marine Scientist
Date of Birth: 22/03/1993

BIOGRAPHICAL SKETCH

Mark has a background in marine biology with a keen interest in the trophic dynamics of ecosystems. He has recently completed his MSc in 2017 which investigated the trophic interactions between parasites and their fish hosts using stable isotope analysis. Prior to his Masters, he completed his Bachelor of Science undergraduate and honours degrees at Rhodes University, Grahamstown.

During his time as a Masters student, Mark was also involved in multiple research cruises onboard the RV Akademik Tryoshnikov and the RV SA Agulhas II. During these cruises, Mark gained valuable sea-going experience deploying a wide range of oceanographic instruments including CTDs, Argo floats, XBTs and gliders. During his latest voyage to the Antarctic, he played a vital role in the co-ordination of the ship-based science activities.

He has recently joined Lwandle Technologies as an Assistant Marine Scientist and is excited to further his skill set on both the scientific and technical sides and hopes to be a valuable asset to the Lwandle team.

EDUCATION

MSc Marine Biology	University of Cape Town, Cape Town	2016-2017
BSc (Hons) Marine Biology	Rhodes University, Grahamstown	2015
BSc	Rhodes University, Grahamstown	2012-2014

EMPLOYMENT RECORD

Current Assistant Marine Scientist, Lwandle Technologies, Cape Town, South Africa

SEA – GOING EXPERIENCE

- 2017 SANAE 57 Antarctic Relief Voyage aboard the SA Agulhas II. Served as the ship based scientific coordinator and the group leader for the Physical Oceanographic team. Science on board included: continuous hydrographic measurements, Euro-Argo float deployments, CTD calibration casts, glider deployments and the deployment of XBTs.
- 2017 Gough Island Relief Voyage 2017 aboard the SA Agulhas II. Served as a technical assistant in the Physical Oceanographic team. Science on board included: continuous hydrographic measurements, XBT deployments, Euro-Argo float deployments, SOCCOM float deployments and calibration CTDs in collaboration with Scripps Institute of Oceanography - SOCCOM group.
- 2016 Antarctic Circumpolar Expedition (ACE) aboard the RV Akademik Tryoshnikov for Leg 0 – Class Afloat: Bremerhaven to Cape Town. Participated as a student on the course which was run during the cruise and covered the basic principles of physical oceanography and oceanographic instrumentation.