



Cody Maki
Marine Technician / Logistics Manager
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TDI-Brooks International, Inc.
14391 S. Dowling Rd, College Station, TX 77845
Ph: (979) 693-3446 Fax: (979) 693-6389
www.tdi-bi.com

PROFESSIONAL EXPERIENCE

- Marine Technician / Logistics Manager, TDI-Brooks International, Inc., 2021 - Present
- Laboratory Manager, Toxicologist, Aloha Toxicology, 2018 – 2021
- Medical Sales Representative, Summit Diagnostics, 2018 -2021
- Trading Instructor/Coach, Producer, Web design and Video Manager, Tackle Trading, 2017 - 2018
- Senior Graduate Researcher, Texas A&M University, 2014-2017

PROFESSIONAL SUMMARY

- 5+ Cruises over the past 12 months as a Scientist, Toxicologist and Logistics conducting Geotechnical, Geochemical, and Environmental Baseline operations.
- 7 years' experience as a Laboratory Technician.

KEY ACHIEVEMENTS - TDI BROOKS INTERNATIONAL, INC.

Marine Technician / Logistics Manager

- Geotechnical core sampling, Jumbo Piston Coring, Piston Coring, Box Coring, CTD/AFM Rosette operation, and sampling, navigator, multibeam echosounder surveys, laboratory sample preparation and extraction, quality control and organization, electronic data logging, sample COC, supply/equipment shipping tracking and calibrations.
- Deck specialist assisting in the performance of duties on the deck of international research vessels performing geotechnical and environmental baseline surveys.
- Laboratory specialist responsible for the processing, storage, and transport of samples. Upon retrieval of acquisition systems, process samples according to client and industry standards. Throughout the operation, maintain an organized catalog of field data to be disseminated to TDI-Brooks and client personnel at the end of the job

KEY ACHIEVEMENTS – ALOHA TOXICOLOGY

Laboratory Manager, Toxicologist

- Directed and oversaw the day-to-day laboratory operations, including activities, staff, equipment, inventory, and facilities for optimum efficiency.
- Interpreted data, identified adverse trends, and provided a strategic resolution to technical issues with the laboratory staff.
- Ensured scientific and compliance-based suitability of analytical methods used for testing materials and products through method transfers and method validations.
- Worked alongside the management team to direct and confirm the execution of the company's processes, policies, and procedures.
- Ensured the laboratory and its functions were in accordance with CILA, CAP, and OSHA standards.

KEY ACHIEVEMENTS – SUMMIT DIAGNOSTICS

Medical Sales Representative

- Provided medical professionals with drug safety programs for their patients.
- Explained programs designed to reduce patient's prescription drug interactions, diversion, and drug abuse and eliminate unnecessary treatments and their related expenses.
- Coordinated with other members of the sales team and team leaders as needed to generate sales, answer any clinical or toxicology-based questions, and provide excellent customer service to clients.



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KEY ACHIVEMENTS – TACKLE TRADING

Trading Instructor/Coach, Producer, Web design and Video Manager

- Held live online classes and coaching sessions for students (stocks, options, currencies, and introductory macroeconomics)
- Creation of weekly forex report and newsletter surrounding current events and market projections
- Producer of podcasts and daily videos covering market events
- Web post and design management.
- Cutting, editing, and data management for video analytics on YouTube.

KEY ACHIVEMENTS – TEXAS A&M UNIVERSITY

Senior Graduate Researcher – Interdisciplinary Faculty Toxicology Laboratory

- Developed and verified methods for HPLC, UPLC/MS testing of various toxins found in food products or the environment.
- Screened hazardous Superfund chemicals (including pesticide, PCPs, PAHs, BTX) onto newly developed sorbents using HPLC, UPLC/MS/MS, UV/Visible spectrophotometer and hydra assay.
- Developed amended sorbents and screened their performance on adsorbing mycotoxins using UV/Visible spectrophotometer and UPLC/MS/MS, and performed in vivo hydra assay.

FORMAL EDUCATION

- Texas A&M University, Master of Science: Toxicology, 2017
- Texas A&M University: Bachelor of Science, Bioenvironmental Sciences, 2014

PROFESSIONAL TRAINING/CERTIFICATIONS

- THUET 5194 CA-EBS OPITO Approved, 2021-Present
- Certified Scientist in Chemistry, American Society of Clinical Pathologists, 2019-Present
- Clinical Laboratory Specialist in Clinical Chemistry, Department of Health State of Hawaii, 2019-Present
- Biosafety Level 2 Training (BL2), Texas A&M University, 2014-Present
- Bloodborne Pathogen Certification, 2014-Present
- IRB Biomed Basic Training, Collaborative Institutional Training Initiative (CITI), 2014-2019

FIELD EXPERIENCE

- Lab Technician, Us Wind, Vibercore And Gravity CPT, R/V Brooks, J20460, Oct 10, 2022-Oct 22, 2021?
- Lab Technician, Quarter North Energy, JPC And CPT, Quarter North Energy, R/V Gyre, J2155, Jan 10, 2022 – Jan 15, 2022
- Survey Navigator Afm/CTD Operator, Sample Oversight, And BC Grabs, Capricorn Geophysical/EBS Program, R/V Proteus, J21550, Jan 21, 2022- Feb 14, 2022
- ROV Pilot And Lab Oversight And Benthic, Vineyard Northeast, R/V Brooks, J22570, Apr 4, 2022- Apr 21, 2022
- ROV Pilot And Sample Data Oversight And Benthic, Vineyard Northeast, R/V Miss Emma McCall, J22570, May 9, 2022- Jun 9, 2022



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PUBLICATIONS

- **Maki, C. R.**, et al. "Effects of calcium montmorillonite clay and aflatoxin exposure on dry matter intake, milk production, and milk composition." *Journal of dairy science* 99.2 (2016): 1039-1046.
- **Maki, C. R.**, et al. "Calcium montmorillonite clay in dairy feed reduces aflatoxin concentrations in milk without interfering with milk quality, composition or yield." *Animal feed science and technology* 214 (2016).
- **Maki, C. R.**, et al. "Calcium Montmorillonite Clay for the Reduction of Aflatoxin Residues in Milk and Dairy Products." *Journal of dairy and veterinary sciences* (201)
- Wang, M., **Maki, C.R.**, Deng, Y., Tian, Y., and Phillips, T.D., 2017. Development of High Capacity Enterosorbents for Aflatoxin B1 and Other Hazardous Chemicals. *Chemical research in toxicology*, 30(9), pp.1694-1701.