

**Dan Tran**  
(281) 753-7064  
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1914 Lincoln Crest Way  
Sugar Land, TX 77498

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## **EDUCATION:**

### **University of Houston Main Campus**

Bachelor in Mathematics

December 2012

Bachelor in Chemistry

May 2014

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## **Employment:**

### **MI SWACO, A Schlumberger Company**

-PROACT Field Service Engineer (January 2015-November 2015)

- Maintained and help managed drilling fluid chemical manufactory in Ohio, chemical warehouses in Oklahoma, and rig sites in Oklahoma
- Prepared Synthetic Base Mud system and Water Base Mud System for rigs through out the North East region of the United States
- Managed chemical transportation trucks by preparing and providing proper paper work and loading the trucks with Synthetic Base Mud, Water Base Mud, or warehouses chemical products
- Performed chemical mud checks for quality assurance on the Mud Systems when the drilling fluid is coming in or sending out
- Prepared daily chemical mud reports to inform managers the status of the drilling fluid manufactory and rig site

### **MI SWACO, A Schlumberger Company**

-Environmental Scientist (January 2013 – January 2015)

- Managed the bioassay laboratory saving the company 100,000s of dollars
- Evaluated data and generated lab reports to produce over 500 tests a year
- Updating LIMs system with all new products and chemical entering the bioassay lab
- Conducted lab tours for external and internal client along with solving client's problem through internal water column toxicity test, sediment toxicity test, or freshwater toxicity test
- Assisted in MI SWACO's QHSE (Quality, health, safety, environment) standard audits and ISO 14001 management system standard, to ensure safest work environment and highest data quality
- Approving new products by prepared Generic Mud #7 or Synthetic Base Mud and performing toxicity testing for internal approval before sending the products to unbiased environmental companies for approval testing
- Worked with other industry group (Halliburton, Newpark, Baker Hughes, Environmental Enterprise, Element) to look at reducing data variability currently observed in the results
- Trained and supervised Lab Tech and Environmental Scientist

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- Produced monthly reports detailing the number of tests conducted and population of organisms produced
- Led JSA (Job Safety Analysis) on different procedures in the lab
- Procured lab supplies, chemicals, and equipment by communicating with Fisher Scientific and Kelly Scientific

**MI SWACO, A Schlumberger Company**

-Lab Tech Senior

(June 2006 – January 2013)

- Lead a team of lab tech to maintain the bioassay laboratory
- Maintained organism cultures such as *Mysidopsis bahia*, *Leptocheirus plumulosus*, and *Pimephales promelas* used for toxicity testing
- Evaluated and performing test parameters (salinity, pH, Dissolved Oxygen, and temperature)
- Performed acute chemical toxicology tests using EPA methods and generated lab report
- Sampled and screened muds for culture and toxicity test
- Produce 1000 gallons of 20 ppt salt water at a time to maintain the cultures and for EPA toxicity tests
- Prepared cultures diet and feeding them daily

**Skills and Language:**

**Laboratory Skills:** Fluid Density, pH, Dissolved Oxygen, Refractometer, Tachometer, Trouble Shooting, Culture Organism, Strong attention to detail, LC, MS, Performing Analytical Chemistry Test and Toxicology Test

**Technical Skills:** Microsoft Word, Microsoft Excel, Microsoft Power Point, Cestus, LIMS

**Language:** English and Vietnamese

**References:**

References available upon request.

**PUBLICATIONS:**

McMennamy, G., Nguyen, K., Tran D.: “An Approach to Examining Toxicity Mechanisms via Microscopy Using Fluorescently Labeled Olefins within *Leptocheirus plumulosus*”. November 11-15 2013, SETAC Annual Meeting. Nashville, TN