

An **NTU chemistry graduate** with experience of conducting two research projects as part of my coursework. Have technical knowledge and hands-on experience of **titration**, **spectroscopy**, **HPLC**, and other standard lab operations. Worked for one year as an office assistant in the food industry writing **compliance documents**. Currently seeking a technical or administrative role in any chemistry-related industry.

EDUCATION

Nanyang Technological University

Singapore

BS in Chemistry

Aug 2011 – Aug 2015

- GPA: 4.45/5.0
- Went through a 1.5-year bridging course on English presentation and writing.

EXPERIENCES

Office Assistant Guangdong, China

Freshwater Fish Department, Zhongshan Foodstuffs and Aquatic Import & Export Group Aug2016-Oct 2017

- Wrote documentation and SOPs on processing and transport of the food to comply with the AEO production standards of the China customs.
- Entered sales data to the company's ERP system and prepared invoices.
- Developed VBA and AutoHotKey scripts to automate the above tasks. Still in production.

COURSEWORKS

PH-responsive Micelles for Drug Delivery

Singapore

Honour's Project

Aug 2014 – *Dec* 2014

- Synthesized fluorescent amphiphilic molecules that were able to form micelles that break in tumor acidic environment to deliver anti-cancer drugs.
- Imaged the nanostructures with TEM. Determined CMC and pKa with UV-Vis and fluorescence spectroscopy.

Study of Metal Cluster Fluxionality by VT-NMR

Singapore

Summer Research

May 2013 – *Aug* 2013

- Synthesized phosphine-substituted ruthenium clusters that showed metal-metal bond fluxionality.
- Carried out variable temperature 1H and 31P NMR to determine the rate constant of the fluxionality process through lineshape analysis.

TECHNICAL STRENGTH

- Technical Titration, Column Chromatography, Operation of Analytical Instruments, etc.
- Administration

GMP, Compliance Documentation

• IT-related Excel VBA, Photoshop