



EDWARD LONG FUCHUN

Edward.long@jci-seaborne.com • +65 9018 5241 (Mob)

EXPERIENCE

JCI-Seaborne (S) Pte Ltd – Singapore **2021 – Present**
P&I Correspondent/Maritime Surveying & Consultancy Firm

Chemist

- Listed P&I Correspondents for the American Steamship Owners Mutual P&I Association Inc, Assuranceforeningen Skuld (Gjensidig), Hydor AS, & the Norwegian Hull Club (P&I)
- Provides technical/expert advice on claims relating to liquid cargo and bunker quality disputes
- Conducts witnessing of laboratory testing on all types of cargoes and fuels to ensure compliance of testing procedures and methods, in cases of quality disputes
- Conducts surveys for container and bulk cargoes

National University of Singapore – Singapore **2018 – 2020**
Public Research University, Department of Pharmacy

Research Assistant & Key Safety Lead

- Conducted organic syntheses of chemical targets by making modifications of known methods
- Conducted analyses, interpretation of data of compounds using a range of modern separation and spectroscopic techniques such as High-Performance Liquid Chromatography (HPLC), Nuclear Magnetic Resonance (NMR) and Liquid Chromatography-Mass Spectrometry (LC-MS)
- Laboratory management relating to laboratory care and safety management, scheduled maintenance, procurement of consumables and chemicals, internal audits as well as monitoring of undergraduate students
- Conducted integration of the University Lab Materials Management System with the lab inventory

Albany Molecular Research Inc. – Singapore **2016 – 2017**
Pharmaceutical and Biotechnology Company

Research Scientist Associate

- Refer to previous entry under **Albany Molecular Research Inc. (2012 – 2016)**

Inventa Technologies – Singapore **2016 – 2016**
Chemical & Life Sciences Company

Synthesis Organic Chemist

- Conducted large scale organic synthesis
- Conducted analyses and identification of compounds using Gas Chromatography - Flame Ionization Detector (GC-FID)
- Conducted analyses of substance properties according to established test methods

Albany Molecular Research Inc. – Singapore **2012 – 2016**
Pharmaceutical and Biotechnology Company

Research Scientist Associate/Research Scientist I

- Conducted modification to reaction schemes to improve yields
- Assisted in the reporting of experimental procedures and techniques to the client
- Conducted synthesis of chemical targets under supervisory direction by making modifications of known methods
- Conducted analyses and interpretation of data of compounds using a range of modern separation and spectroscopic techniques such as High-Performance Liquid Chromatography (HPLC), Nuclear Magnetic Resonance (NMR) and Liquid Chromatography-Mass Spectrometry (LC-MS)



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EDUCATION

National University of Singapore & Technical University of Munich Asia – Singapore 2010 - 2012
Master of Science in Industrial Chemistry

National University of Singapore – Singapore 2006 - 2010
Bachelor of Science in Chemistry
Honours - (2nd Class Lower Division)

CERTIFICATIONS

DNV Maritime Academy 2022
LNG as Ship Fuel

Singapore Polytechnic – Singapore Maritime Academy 2022
Advanced Fire Fighting

Singapore Accreditation Council 2022
Internal Audit Course - ISO17025:2017 (For Testing & Calibration Laboratories)

Singapore Polytechnic – Singapore Maritime Academy 2021
Basic Occupational Safety & Security Training

DNV Maritime Academy 2021
Oil & Chemical Tankers – Technical & Operational Aspects

PROFESSIONAL MEMBERSHIP

The Royal Society of Chemistry – Member (Membership No. 698029)

NATIONAL SERVICE

Singapore Army – Singapore MINDEF Reserve Status
Armament Technician

Current Rank: 1st Sergeant (NS)