

CURRICULUM VITAE

OMAR

For further information

Contact Jude-Employment Co-ordinator

Phone DDI 03 353 4161

Career Objective

I am a New Zealand resident seeking a position as a Chemist and/or Chemical/Environmental Engineer where I can apply my practical skills, specialized knowledge and gain further practical experience. I have realistic job expectations and would appreciate ANY entry-level workplace commercial opportunities

Key Work Skills and Attributes

- Completed PhD studies in **Polymer Chemistry** at the University of Canterbury (examiners approval still pending)
- Completed M.A.Sc studies in **Environmental Engineering** at the University of Windsor, Ontario, Canada
- Completed B.Sc studies in **Chemical Engineering** at Alexandria University, Egypt.
- Over 5 years' teaching experience in both Canada and New Zealand, experience includes problem solving tutorials and laboratory experiments demonstration for undergraduate studies.
- Chosen as one of the best three teachers at the Chemistry department, University of Canterbury for the year 2007.
- Practical engineering experience as a Technical Support Engineer, a job which included mainly project management and R&D work for Metito overseas Ltd, Dubai.
- **Excellent communication skills**, as shown through excellently relating to students, and also to managers, work colleagues, staff and customers.
- **Multilingual** speaking English, French, Arabic and Chinese (Chinese Mandarin spoken to a mid-level)
- **Hardworking**, PhD completion required only 37 months of hard work at the Chemistry Department, University of Canterbury
- **Flexible and open to changes**, a result of studying and work at different countries.
- **Friendly**, with a good sense of humour

Educational Qualifications

April 2006-December 2009

PhD in Polymer Chemistry

University of Canterbury, Christchurch, NZ

May 2002-May 2004

Masters of Science- Environmental Engineering

University of Windsor, Ontario, Canada

September 1996-June 2001

B.Sc -Chemical Engineering
Alexandria University, Egypt

Work History

2005

Technical Support Engineer
Metito Overseas Ltd.,
Dubai, United Arab Emirates.

Key tasks:

Project management
Staff management
R and D work- improve RO processes- detailed below

Projects completed

- Comparative study for electricity cost in Reverse Osmosis (RO) Water desalination plants with Solar Cells, Diesel Generators, and Electrical Grid in the UAE;
- Construction of filtration, water treatment unit and water network for Al-Ajban Camp; Directorate of Military Works, Abu Dhabi, UAE;
- Analysis and improvement of plant efficiency for the expansion of RO plant for Umm Al-Quwain Municipality, Umm Al-Quwain, UAE;
- Analysis and improvement of plant efficiency for the RO plant for Prince Hazza Palace, Musafah, Abu Dhabi, UAE;
- Analysis and improvement of plant efficiency for the RO plant for Al-Guzlan Naval Base, Al-Guzlan, Abu Dhabi, UAE;
- Analysis and improvement of plant efficiency for the RO plant for Westbay Complex, Al-Doha, Qatar.

Academic and Educational Experience:

- Two years experience as Teacher Assistant, at the University of Windsor, Civil and Environmental Engineering department.
- Three years of experience as Lab Demonstrator, Chemistry Department, University of Canterbury.
- Teaching experience of chemistry, physics and mathematics to the new university students in the Bridges Programs, at University of Canterbury.
- Selected as one of the best three first year lab demonstrators for the academic year 2007 at the Chemistry Department, University of Canterbury. A written appreciation letter signed by the head of department was received near the end of the academic year.

Referees can be provided upon request