

William (Jingquan), YU

☎ 0430670829, ✉ squallyu.au@gmail.com, 📄 Unit 3, 13 Hadlow Dr, Wantirna, VIC 3152

Australian Citizen

Experience

<i>Apr 2015 – Apr 2020</i>	ExcelPlas Pty Ltd	Melbourne, VIC, Australia
	<u><i>Technical Manager/Technical Consulting Lead</i></u>	
	<ul style="list-style-type: none">• Undertook technical consultations as consulting lead in material science (polymeric, elastomeric, composite materials).• Conducted superb project management through its lifecycle and took ownership of the project.• Assembled and led tailored project team, delegated project breakdowns to members properly and closely monitored project milestone, budget and deliverables.• Supervised team of 10 – 15 including 4 Scientists and researchers, 5 senior technicians and some junior technician and graduate interns.• Led and oversaw internal quality and safety auditing in accordance with NATA and OHS legislations.• Compiled quasi-legal reports for failure analysis and litigation disputes, approved or rejected NATA accredited reports as NATA signatory.• Organised and delivered technical seminars, workshops and presentations to internal and external stakeholders (eg. lifespan prediction, photodegradation, accelerated depolymerisation, hydrolysis etc.).• Proficiency in stakeholder relations management. Built and consolidated rapports with over 150 stakeholders at all levels and of different backgrounds.• Liaised with local and overseas scientific entities (universities, government agencies, laboratories, and regulators) for project collaboration.	
	<i>Achievements</i> <ul style="list-style-type: none">• Coordinated and delivered high quality technical consultations to top-tier local and international corporations (Anatomics, Ronstan, Dulux, Golder Associates, BHP Billton, Shell, etc.).• Participated and led over at least 100 projects of various scales and natures (Failure investigations, Material identifications, Litigation disputes and Deformulations)• Established partnership and association with local and international laboratories, education institutions (UNSW, Deakin Uni, La Trobe Uni, RMIT, Swinburne and Monash) and government agencies (CSIRO, ANSTO, NMI and JIST etc.)	
<i>Apr 2014 – Apr 2015</i>	ExcelPlas Pty Ltd	Melbourne, VIC, Australia
	<u><i>Senior Technician/Laboratory Supervisor</i></u>	
	<ul style="list-style-type: none">• Assisted and represented manager to perform consultations• Liaised with NATA accreditation assessors for external quality auditing and reassessment.• Conducted and supervised NATA accredited tests and take ownership of all scientific instruments.• Carried out highly specialised and customised experiments (flammability, reverse engineering/deformation etc.) on demand.• Researched, designed, developed and verified in-house novel experiments/applications with the use of conventional apparatus, which accounted for 100k revenue growth.	
<i>Apr 2021 – Current</i>	RMIT University, STEM College (PCE Team)	Melbourne, VIC, Australia
	<u><i>Senior Technical Officer/Acting Coordinator</i></u>	
	<ul style="list-style-type: none">• Managing six fully equipped laboratories in rheology, material characterisation and polymer processing for both educational and research activities.	

- Providing technical supports (both instrumental or experimental) to all stakeholders at all levels (from HDR students and researchers to academic staff and industrial partners).
- Undertaking management of wide range of analytical instrumentations (from user roster making, training to maintenance and troubleshooting) to accommodate all users' needs as possible and ensure fairness in use.
- Liaising with external subcontractors for the repair and troubleshooting of instrumentations or the procurement of testing consumables or kits as requested.
- Elaborating innovation, agility, and encouragement from RMIT value when guiding researchers in the process of invention and making scientific breakthrough with industrial / commercial mindset.

Achievements

- Elected as one of nominations for STEM College Technical Service Exemplary Award for Customer Service out of 150 staff.
- Served at least approx.. 800 various stakeholders in one year and carried out more than 70 trainings on over 25 different scientific instrumentations in the past nearly 2 years.
- Participated weekly leadership meetings as acting coordinator, standardised and simplified procurement and afterhours processes which benefited 8 disciplines of over 50 technical staff.

Jan 2021 – Apr 2021

ALS Industrial, Asset Integrity & Reliability

Melbourne, VIC, Australia

Product Testing Engineer

- Undertook technical consultancies to various stakeholders as project advocate
- Performed excellent Client Relation Management with the persuasion and negotiation skills
- Generated most economic testing scheme and project tactics to exceed client's expectations.
- Carried out highly specialised technical assessments and evaluations
- Highly regarded capability of distilling or deducing valuable conclusions for decision making.
- Regularly performed onsite industrial asset integrity and care and travel for onsite consultations.

Apr 2012 – May 2013

Symbio Alliance

Brisbane, QLD, Australia

Senior Laboratory Technician

Education

M.Eng.	Master of Chemical Engineering (Distinctive) The University of Adelaide (UoA), Australia	Dec 2011
B.Eng.	Bachelor of Chemical Engineering (Hons, High Distinctive, 1 st in class) Weifang University, China	Jun 2009

Computer Skills & Languages

- | | |
|--|---|
| ➤ MS Package (Engineering use), Matlab, R Studio | ➤ English (Fluent), Mandarin (Native Speaker) |
| ➤ HTML, CSS, MySQL, Python, Github, Docker etc. | |

References

Kourosh Abdollahi Research Assistant (Postdoc) RMIT University Tel: 0490 106 337 kourosh.abdollahi@rmit.edu.au Relationship: Previous Colleague/team member	Steve Shamis Australian Sales/Service Manager TA Instruments Tel: 0413 749 030 steve_shamis@waters.com Relationship: Current external stakeholder	William Abdinegara Partner Integration Specialist Latitude Financial Services Tel: 0452 031 760 william.abdinegara@gmail.com Relationship: Previous colleague / IT Manager in ExcelPlas
--	--	---