YANG WANG

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Citizenship: Australia

# PROFILE

I am a passionate programmer and I have relative bachelor and master IT degrees. I am a team player and problem solver; I love to solve the complex technical problem from different perspectives and share knowledge with teammates to boost their efficiency. I have years of financial knowledge, development and testing experience in big banks and financial company in Sydney. I am also Oracle certified professional Java developer. I believe myself will be a big value to your company.

# EXPERIENCE

Senior Automation Engineer, YieldBroker, Sydney — 2019.12 - Present

From 2019.12 to 2019.12, I have been working as senior automation engineer in Yieldbroker company. During this period, my job includes as following:

* Lead automation team to build end to end test framework using Java. This Framework has helped QA team reduced half of the time on manual testing.
* Greatly improved the accuracy and stability of End to End test framework.
* Using Cucumber framework to generate real time test report and running continuously in CI.
* Lead the development of component test framework for tech-refresh project. This include the usage of geode API.

Analyst Engineer, National Australia Bank, Sydney — 2016.12-2019.12

From 2016.12 to 2019.12, I have been working as analyst engineer in Australia National Bank FX team. During this period, my job includes as following:

* Actively involved in the development and maintenance of legacy sales and distribution platform (StarXchange). Supported pricing and booking for multi-allocation swaps, enhanced product precision, connectivity to new multi-bank portal venues.
* Actively involved in the development of on-going sales and distribution components with low latency framework (Aeron SBE, Kafka, Chronicle). Components include multi-bank portal adapters, pricing and execution core, internal/external gateways, pricing/credit service adapters and booking service.etc.
* Actively involved in the front-end (JavaFX) and backend (Java SE) development of post-trade service. Supported different venues include (Bloomberg, FxAll, 360T.etc) for booking. Supported blotter to allow trader to view and pickup deal from blotter.
* Developed and enhanced PCE (pre-deal check) calculation for our credit service. This includes the application of enhanced calculation equation to credit service project, full updates to the credit service project and testing report generated by using Python.
* Supported FX-BLOCK feature include supporting all platform’s pricing and execution components.
* Actively contributed to our platform library for message codec, interface, tools and testing.
* Built UI test framework for our trade blotter that developed in JavaFX using Cucumber framework, LeanFT and Java independently in 2018.
* Developed message-based test component using Kafka, cucumber framework, Terracotta universal messaging and Java.
* Unit test for each component to pass quality gate in Jenkins
* Manual Integration tests include MBP portal testing (Bloomberg, 360T, FxAll, EBS)

Software tester and developer, GMRI Research Institute, China — 2015-2016

From 2015/02 to 2016/05, I was working as a software developer in GMRI research Institute, which is a national research institute, focuses on the development of military product and air-conditioning temperature sensor. During this period of time, my job includes as following:

* Actively involved in developing testing software modules using C++
* Developed temperature sensor controller using C++. This requires the reference of HP device manual book and complex temperature, air pressure calculation.
* Unit test and integration testing with Air condition manufacture.
* Collaboration with Air condition factory to gather requirement and integration testing

# EDUCATION

James Cook University, Townsville, QLD, Australia — Bachelor of Computing, 2009-2013

Australian National University, Canberra, ACT, Australia — Master of Computing, 2013-2015

# Certificates

Oracle Certified Java Professional, Java SE 8: <https://www.youracclaim.com/badges/6205edf1-5fba-428d-b8fd-10d8169cb492?source=linked_in_profile>

Oracle Certified Java Associate, Java SE 8: https://www.youracclaim.com/badges/5b8424fb-c61e-4b63-992a-6c78200b2940/linked\_in\_profile

# SKILLS

My skills are the followings:

* Java
* Concurrent Programming
* Low latency framework (Disruptor mechanism, chronicle, Aeron SBE)
* Distributed system (kafka, zookeeper)
* FX trading (SPOT, FWD, SWAP, BLOCK, NDF, POST-TRADE)
* Cucumber BDD framework
* Linux commands and operation