

Yixiong Tan

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Male

PROFESSIONAL EXPERIENCE

Morgan Stanley

Jul 2018 - Present

Associate, IST

Shanghai

- Responsible for developing and maintaining FX Cash position keeping system, Axis & Express.
- Worked with BMET and Strats to create a position data feed for MacroRT.
- Decommissioning of Cross Asset Express gui application.
- Requirement gathering and maintenance for India Bond position keeping system, PD-Sharp.
- Responsible for developing EM Rates eTrading platform - eQuote.
- Responsible for maintaining IRS pricing system - Bus.

Citigroup Services and Technology (China) Limited

Jul 2013 - Jul 2018

Manager, ICG

Shanghai

- Responsible for developing and maintaining fixed income derivatives metadata system, which is a business critical data service system, used as the golden source for derivative products. To conquer the complexity of data processing logic, Camel framework is employed to streamline the process. More than 20 shell script processes were integrated into 14 Camel routes. Testing coverage improved from 0% to 50%.
- Participated into upgrading fixed income derivatives data services. Micro-Services pattern replaced legacy EJB project. SpringBoot is used as the project skeleton while SpringCloud is used to develop, register and expose the data service REST API. Swagger is introduced for API auto documentation and testing.
- Maintaining the price auto submission system. Based on FIX protocol, the auto submission system is driven by received messages from Markit. Pricing information is auto collected and submitted for 4 windows a day. A web console is created to monitor the process using Angular.
- Worked as leading developer for designing, developing and maintaining fixed income pre-trading inquiry system. This system is serving as the one-stop entry point for Credit sales and researchers for publishing, matching and searching trade facilitating axes, holdings and other information. Building the system from scratch with 7 modules and more than 210,000 lines of code, I independently designed and developed 2 modules of the system and worked as key contributor for other 2 modules.
- Responsible for analyzing and developing sales/trader workflow integration. Provided a seamless experience for trader to work with voice trading workflow as a part of e-Trading workflow.

LEADERSHIP EXPERIENCE

Citigroup Services and Technology (China) Limited

Jul 2013 - Jul 2018

Manager, ICG

Shanghai

- Member of Credit system and business knowledge sharing committee.
- Member of Credit clean code committee.
- Member of CSTC soft skill training committee.
- Member of CSTC Toast Master committee.
- Traveled to US for three times in 2014, 2015 and 2017 for system development coordination.

EDUCATION

Fudan University

Sep 2017 - Jan 2020

Master Degree Candidate Software Engineering Software School

Shanghai

- Passed the national entrance examination for postgraduate.
- Studying for the master degree at part-time.

Wuhan University

Sep 2009 - Jun 2013

Bachelor Degree Spatial Information and Digital Technology International School of Software

Wuhan

SUMMARY

- **Certifications:** CET-6, Qualification Certificate of Computer and Software Technology Proficiency
- **Languages:** English (Fluent), Chinese (Native)

SKILLS LIST

- 6 years of experience in fixed income front-office system development. Capable of both GUI and service development.
- Ability of independent requirement gathering, problem analyzing and solution designing.
- Familiar with agile development process.
- Good presentation and training skill.
- Have experience in guiding junior developers.
- Solid Java and C#/WPF skills.
- Good command of design patterns/data structures.
- Familiar with Maven/Git/Jira/TeamCity/Jenkins/Sonar.
- Have knowledge of Angular 4&5.