

EDUCATION

- **National University of Singapore** Singapore
Bachelor of Computer Engineering; (Hons) *Aug. 2011 – May. 2015*

EXPERIENCE

- **Citigroup N.A.** Singapore
Senior Application Developer *Jul 2019 - Present*
 - **OneRisk:** OneRisk is a low latency, micro-service based pre and post trade risk aggregator. I was responsible for the development and QA deployment of this product, written in java with a CouchBase back-end. Responsible for deployment and maintenance of QA services for OneRisk North America **Java, Ambrosia, MicroServices, CouchBase, MongoDB**
- **Citigroup N.A.** Singapore
Application Developer *Jul 2017 - Jul 2019*
 - **Infinity Cable:** Infinity Cable is a low-latency, micro-services based direct market access platform for the Quantitative Prime Brokerages business. Wrote the risk checks and the position/exposure engines for the platform. Set up Continuous Deployment with TeamCity and IBM uDeploy. Manage Production roll-out for Taiwan and Korea markets. **Java, Chronicle, TeamCity**
 - **OneConnect:** OneConnect is the re-engineering of the existing Citi Equities Client connectivity platform. I am responsible for its delivery in Asia-Pacific. Re-engineer Citi's client connectivity platform for Asia Equities for 95% drop in end to end latency **Java, Python**
 - **Citi Object Storage:** Led a team of 4 analysts to implement an archival solution for Operations' long term file storage. **Spring Boot, S3 Object Store, Angular4**
- **Citigroup N.A.** Singapore
Technology Management Associate *Jul 2015 - Jul 2017*
 - **ELK Based Log Monitoring:** Implemented log scrapping and statistic monitoring tool for the Equities Market Access platform, saving Production Support 5 man hours a week. **ELK**
 - **GMA Reporting:** Built feature enhancements that removed a one week turn-around time for new user on-boarding. Delivered time-critical bug fixes for the Market Access Platforms data quality. **C++**
 - **Server Migration:** Led the effort to migrate the Exchange connectivity gateways for the Taiwan Securities and the Taiwan Derivatives exchanges to stable environments.
- **Bank of America Merrill Lynch** Singapore
Technology Analyst *Jan 2014 - Jun 2014*
 - **Electronic Trading Data:** Analyst in the Global Markets Electronic Trading Data development team. Responsible for developing a JavaScript based front end to migrate an existing WPF based GUI. **KnockOutJS, .NET MVC3**
- **Infineon Technologies** Singapore
Software Engineering Intern *May 2013 - Aug 2013*
 - **GDB Debugging Tool:** Eclipse plugin for attaching a debugger to Infineon's propriety microprocessors. **Java, PHP**

PROJECTS & AWARDS

- **CFA:** Passed Level 2 of the CFA program
- **TechninAsia Hackatron:** Multiplayer Card Game
- **Student Achievements Awards:** Student Achievements award for exceptional community service.
- **NUS International Relation Committee:** IT Director responsible for building and running NUS students union's IRC website **WordPress**

PROGRAMMING SKILLS

- **Languages:** Java, Python, Javascript, C++, SQL, .NET **Technologies:** AWS, Chronicle, Ambrosia, Spring Boot, KnockOutJS, MongoDB, Couchbase