

Education

Harvard University, Extension School

Master of Liberal Arts, Information Management Systems

May 2018

GPA 4.0

- Class Marshall Award
- Dean's List Academic Achievement Award
- Data Science Project: Financial Market Analysis Using Machine Learning
- Capstone Project: Enterprise Data Lake

University of Malaya

Bachelor of Computer Science

June 2009

Technical Skills

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|-------------------------|-----------------------|------------------|----------------------|
| • Machine Learning | • Python/Scikit-learn | • Spark | • Data Visualization |
| • Quantitative Analysis | • Cloud Computing | • Hadoop | • Java/C# |
| • Unix Scripting | • Oracle/SQL Server | • PLSQL/T-SQL | • Data Warehouse/ETL |
| • RDBMS Tuning | • Network Protocols | • Agile & DevOps | • Web Development |

Professional Experience

Rande Corporate & Investment Banking

Detroit, MI

Associate – Information Technology

September 2013 – Present

- Lead a team of 6 people to manage, operate, and support low latency post-trade brokerage platform
- Improved the performance of straight-through processing by tuning database applications
- Reduced number of major incidents by 23% through problem management
- Automate manual back-office processing through scripting and automation engine
- Actively participate and contribute to the internal data science project initiatives

Olson Financial

Singapore

Associate – Information Technology

February 2011-September 2013

- Built a new application support team of 5 people focusing on post-trading straight-through processing and data warehouse extract-transform-load processing
- Designed and implemented global application monitoring platform.
- Eliminated 80% of manual checks for trading support, and decreased SLA breaches for client reporting by 15%