

ONG RONGXING JOHN

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE Doctor of Philosophy in Management and Organization	2025 - Present
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SINGAPORE MANAGEMENT UNIVERSITY Master of Information Technology in Business (Financial Technology and Analytics)	2025
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NANYANG TECHNOLOGICAL UNIVERSITY Master of Science in Project Management	2025
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EXPERIENCE

MICRON TECHNOLOGY – Singapore	2019 - 2024
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Project Manager (2021 – 2024)

- Led end-to-end delivery of a large-scale project exceeding a net present value of \$300 million, successfully from conceptualization to deployment in a production environment across three geographical sites.
- Managed over eight front-end and back-end cross-functional teams to meet milestones on time, delivering on expectation demands that contributed to high satisfaction feedback and positive reviews from external teams.
- Periodically reviewed and revised business and technical goals, performing quality and risk management of overall requirements to ensure minimal roadblocks for successful project delivery.

Process and Equipment Engineer (2019 – 2021)

- Achieved a 36% alarm reduction across all back-end manufacturing main processes, resulting in over \$10 million in cost reductions under the Hoshin Kanri strategic deployment, as one of the top-tier projects in fiscal year 2021.
- Spearheaded two first-of-a-kind and one second-of-a-kind equipment implementations in the production line, increasing labour productivity by 70% and eliminated all quality issues related to material mishandling.
- Maintained successful minimum equipment downtime (UDT <10% & SDT <3%) as the equipment KPI steward throughout 2.5 years in wire bond process step.

ACADEMIC PROJECTS

Assessing the Impact of Digital Financial Services on Economic Empowerment Among Rural Women (SMU)	2024
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- Built logistic regression, decision tree, and neural network models to predict financial inclusion among rural women; the best model achieved 78% accuracy (AUC = 0.81).
- Identified mobile ownership and e-payment efficiency as key drivers; proposed digital access and literacy initiatives to enhance economic empowerment and financial inclusion among rural women in Uganda.

BitEstate: Revolutionizing the Industrial Property Market using Tokenization (SMU)	2024
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- Conducted research on the industrial and commercial property market to address the needs of retail investors as an underserved customer segment, enabling them to own fractionalized tokens of Y amount from the property price of X amount.
- Developed a real estate tokenization platform using Pega system for process modeling, integration with external APIs, rules and decisioning, workflow automation, and reporting and analysis for computation processing.

The Future Advancement of the Manufacturing World - Industry 5.0 (NTU)	2023
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- Conducted research on the inception, conception, and perception of transiting from industry 4.0 to industry 5.0, and assessed industry 5.0 readiness within the context of advanced manufacturing.
- Synthesized peer-reviewed journal articles from NTU and google scholar databases, using systematic literature review methods aligned with the research purpose and direction of the term paper.

ADDITIONAL

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- Awards: NUS Research Scholarship, Academic and Dissertation Excellence Award (NTU)
 - Certifications: Financial & Insurance (M5, M9, M9A, HI)
 - Technical Skills: Microsoft Office, Visual Studio (C++, C#, Java), Jupyter Notebook (Python), SAS Viya
 - Language Skills: English (Native), Mandarin (Native)
 - Volunteer Work: National Police Cadet Corps (H/INSP) – Commissioner of Police Award for Team Commendation