

EDUCATION

Nanyang Technological University, Singapore

- Pursuing a dual degree in Bachelor of Business (Business Analytics) and Bachelor of Engineering (Computer Science), with a focus on data-driven decision making and software development.
- Academic achievements: CGPA 3.95 in Business and CGPA 3.84 in Computer Science
- Courses taken include Data Mining, Machine Learning, and Database Systems, which provide a solid foundation in data processing and management

University of Groningen, Netherlands

- Completed a Student Exchange Programme (Jan 2024 - July 2024), enhancing cultural awareness and international collaboration skills
 - Participated in interdisciplinary projects and seminars, further developing analytical and problem-solving abilities
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ACADEMIC PROJECTS

Gamified Approach to Seafaring

- Developed a gamified approach to foster interests in the maritime industry, utilizing my skills in data engineering to design and implement an innovative wearable device for open reporting, safeguarding seafarers' mental and physical well-being.
- Created an AR-based training program to facilitate the upskilling of seafarers, leveraging data-driven insights to optimize the training experience.

Decarbonization of Maritime Vessels

- Conducted a comprehensive analysis of leading decarbonization technologies and alternative fuels, identifying cost-effective strategies for the maritime industry
 - Engineered the design and retrofit plan for an electric-powered engine, developing a long-term project plan with a 30-year forecast to ensure seamless implementation
 - Performed cost estimation and profitability analysis to assess the financial viability of the implementation strategy
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INTERN EXPERIENCE

Business Development Intern at Goodie Technology

- Conducted data-driven market research to identify key trends and opportunities
 - Played a crucial role in launching new product categories, resulting in an 80% sales increase within 3 months
 - Automated daily operations, boosting efficiency by 50% using optimized workflows and streamlined processes
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CO-CURRICULAR ACTIVITIES

Business Manager, Freshman Orientation Programme 2022

- Negotiated sponsorship deals with various companies, securing over SGD 5,000 in cash and product sponsors, and effectively allocating resources for a successful event
- Led a team of committee members, delegating tasks and ensuring a seamless execution of responsibilities, honing my project management and leadership skills
- Volunteered to facilitate engaging games and activities for incoming freshmen during a 3-day event, fostering a sense of community and camaraderie among new students

Chief Programmer, Freshmen Transition Orientation Program 2022

- Planned and organized games and activities for approximately 800 incoming freshmen, leveraging my programming skills to create an engaging and interactive orientation experience
 - Collaborated with key stakeholders to structure and execute the event effectively, developing strong communication and problem-solving skills
 - Optimized logistics and equipment management for a 3-day event, ensuring seamless operations and reinforcing my attention to detail and organizational abilities
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SKILLS

Programming Languages:

Python, SQL

Frameworks & Libraries:

Talend, Apache Spark

Technologies:

MongoDB, Flask
