

Ho Wei Rui

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EDUCATION

Diploma in Big Data & Analytics

Apr 2023

[Will be graduating in May 2026]

- Completed modules in:
 - Data Visualisation & Analytics
 - Data Science Essentials
 - Database Application Development
 - Quantitative Analysis
 - Data Warehousing and Business Intelligence
- Obtained CGPA 3.76 out of 4
- Received Director's List Award
- TP – SAS Scholarship

GCE 'N' Level Certificate, Temasek Secondary School

Jan 2018 – Dec 2021

- Obtained 6 credits

SKILLS

Technical Skills

- Utilised Python for data cleaning and preparation with pandas in Data Science Essentials
- Employed Microsoft Excel for data analysis and report preparation in Quantitative Analysis
- Developed data visualizations using Matplotlib, Seaborn, and Tableau in Data Story Telling and Data Science Essentials
- Applied advanced statistical analysis and data mining techniques to extract insights in Quantitative Analysis
- Implemented machine learning algorithms including regression, classification, and clustering problems in Data Science Essentials
- Completed books such as "Handbook of Quantitative Finance and Risk Management" to deepen understanding of financial markets and asset management.

Generic Skills

- Able to solve intricate problems through creative solutions
- Competent in communicating complex concepts effectively to non-technical audiences
- Collaborate effectively in team settings with strong interpersonal skills
- Adaptable to new technologies and shifting deliverables
- Maintains accuracy and integrity of work through careful attention to detail
- Consistently meet deadlines while maintaining high performance under pressure
- Effectively conduct in depth research and present findings
- Constantly seeking out knowledge to deepen understanding, driven by curiosity and passion for learning

WORK EXPERIENCE

Helpdesk Engineer, OPUS IT SERVICES

Nov 2021– Dec 2021

- Resolved SUSS students' software and hardware problems by breaking down technical steps into understandable instructions
- Managed and tracked support data in Excel, ensuring accuracy and integrity of details

- Collaborated with team members ensuring helpdesk efficiency by communicating and escalating technical issues as needed
- Performed under high pressure situations by empathetically helping stressed students
- Adapted rapidly to new technologies and processes which increased work productivity

Student Helper, JA Singapore

Jun 2023 – Jan 2024

- Adhered to strict timelines during competition schedules by managing time efficiently
- Adapted to multiple roles like timekeeping, logistics, and usher, achieved through learning agility
- Communicated with other team members to efficiently set up logistics for events
- Connected with industry experts who were panel judges, building strong interpersonal relationships

CO - CURRICULAR ACTIVITIES

Participant, NTU – GAIP Competition

May 2024 – Jul 2024

- Conducted research on the integration of AI and the insurance industry
- Analysed leading uses of AI in insurance through comprehensive studies
- Presented research findings effectively using PowerPoint

Subcommittee, Temasek Polytechnic Lead Ambassadors

Apr 2023 – Present

- Created and published engaging content for Temasek Lead students
- Promoted programme initiatives by creating content to engage with students
- Developed creative strategies to increase event participation and programme enrolment

Trainee, WorldSkills Singapore (ITSSB)

Jan 2024 – Present

- Developing unique IT business solutions to intricate real world scenarios
- Utilizing multiple software tools, including databases and programming languages, to create innovative solutions

Participant, Singapore Youth Leaders Programme

Jan 2024 – Present

- Engaged in leadership experiences through camps and structured discussions
- Collaborated with selected students from higher learning institutions

University Preparatory Programme

Oct 2024 – March 2025

- Enrolled in evening classes to deepen understanding of advanced mathematical concepts, including differentiation, integration, functions, and matrices.
- Strengthened analytical skills to prepare for future academic challenges in quantitative finance and data-driven fields.
- Demonstrated initiative and commitment to continuous learning by balancing coursework, co-curricular activities, and additional studies.

REFERENCES

Available upon request