

Johnathan Yap Wen Jie

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EDUCATION & PROFESSIONAL CERTIFICATIONS

National University of Singapore Professional Certificate in Clinical Practice and CBT Foundations for Adults	2024
National University of Singapore Bachelor of Arts with Honours (Psychology); Grade: Distinction (2:1)	2019 – 2023

PROFESSIONAL DEVELOPMENT

National University of Singapore (Yong Loo Lin School of Medicine) Fundamentals of Cognitive Behavioural Therapy	Nov 2024
Samaritans of Singapore & CAMS-care Collaborative Assessment and Management of Suicidality [here]	Aug 2024
American Psychiatric Association Motivational Interviewing for People with Serious Mental Illness [here]	Jun 2024
Stanford University School of Medicine Cognitive Behavioural Therapy for Psychosis [here]	Oct 2023

PROFESSIONAL EXPERIENCE

NUS Office of the President (Health and Wellbeing) <i>Associate Psychologist (Clinical and Data Science)</i> <ul style="list-style-type: none">Spearheaded frontline clinical operations, managing a caseload of >30 new clinical staff cases monthlyConducted intake sessions (2 per week) for clients under clinical supervision from registered clinical psychologistsDelivered on-site crisis interventions, using evidence-based techniques (CBT) to de-escalate and stabilise individuals in acute distressBuilt a dynamic tiered care system with JavaScript to automate mental health tiered care assignment for >48,000 studentsAutomated the entire online therapy registration workflow for staff [here], incorporating innovative risk flagging methodsApplied Python models (i.e., prophet forecasting, simulations, BERT), to analyse >350,000 counselling appointments	Feb 2024 – Present
Ministry of Social and Family Development (Child Protective Services) <i>Assistant Manager (Child Protection Officer)</i> <ul style="list-style-type: none">Managed regular triage and social investigations for child protection (CP) cases involving violence and sexual abuseScreened intake inquiries and directed cases to suitable agencies via standardised assessment toolsProvided emotional support and guidance for children and families, often in distressing situationsLeveraged R, Python & PowerBI for efficient data extraction, predictive analytics, and risk assessmentsDeveloped an automated tool to reverse-geocode postal codes (of known CP cases) into precise SG map coordinates	Jul 2023 – Feb 2024
Temasek Trust <i>Communications and Engagement Intern</i> <ul style="list-style-type: none">Delivered data-driven insights through clear visualisations, reports, and presentations to inform decision-making	Jan 2023 – Jun 2023

Singapore Prison Service (Psychological and Correctional Rehabilitation Division) <i>Research Intern</i> <ul style="list-style-type: none"> Researched on desistance & support networks for offenders incarcerated in maximum-security prisons 	May 2022 – Jul 2022
NUS Office of the President (Health and Wellbeing) <i>Communications and Clinical Psychology Assistant</i> <ul style="list-style-type: none"> Coordinated daily management of a five-month long campus-wide mental health campaign 	Feb 2022 – Jul 2022
Ministry of Social and Family Development (Child Protective Services) <i>Child Protection Intern (Intake-ALERT)</i> <ul style="list-style-type: none"> Investigated and intervened to prevent recurrence of abuse/neglect for children and young persons Responded to after-hours crisis activations, intake enquiries and screening assessments 	Dec 2021 – Feb 2022
NUS Office of the President (Health and Wellbeing) <i>Communications and Branding Assistant</i>	Jul 2021 – Jan 2022
Singapore Police Force (Police Psychological Services Department) <i>Research Intern</i>	Sep 2021 – Dec 2021
Central Narcotics Bureau (Communications Division) <i>Communications Intern</i>	May 2021 – Jul 2021
NUS Situated Goal Pursuit Lab <i>Undergraduate Research Assistant</i>	Jan 2021 – Jul 2021
Singapore Police Force (Airport Police Division) <i>Police Officer (Ground Response Force)</i>	Apr 2017 – Feb 2019

RELEVANT RESEARCH

Network psychopathology: leveraging vulnerability and simulation methods for mental health triaging <ul style="list-style-type: none"> Submitted abstract for oral presentation (main author), <i>International Mental Health Conference 2025</i>, Australia [in review] Developed an innovative approach to analysing pre-intake clinical screening data via network science to identify key vulnerabilities 	Jun 2025
Triaging and risk automation system for mental health <ul style="list-style-type: none"> Submitted abstract for poster presentation (main author), <i>Global Mental Health in Asia 2025 Symposium</i>, Singapore [in review] Explored data analytics, BERT, and programming to identify, visualise, and prioritise risk for cases seen by NUS HWB 	Feb 2025
Analysing mental health discourse on mindline.sg <ul style="list-style-type: none"> Yap, J. (2024). Analysing mental health discourse on Mindline.sg [Poster presentation]. In <i>Higher Education Conference in Singapore (HECS) 2024</i>, 3 December, National University of Singapore. https://blog.nus.edu.sg/hecs/hecs2024-jyap/ 	Dec 2024

RELEVANT SKILLS

- Branding and Illustrations (e.g., Photoshop, Illustrator, Figma)
- Coding Languages and Software (e.g., HTML, CSS, JavaScript, React, Python, PowerBI)
- R Studio (e.g., data wrangling, web scraping, geospatial analysis)