

## Johnathan Yap Wen Jie

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### EDUCATION & PROFESSIONAL CERTIFICATIONS

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

### PROFESSIONAL DEVELOPMENT

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

### PROFESSIONAL EXPERIENCE

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<b>NUS Office of the President (Health and Wellbeing)</b> <i>Associate Psychologist (Clinical and Data Science)</i> <ul style="list-style-type: none"><li>• Spearheaded frontline clinical operations, managing a caseload of &gt;30 new clinical staff cases monthly</li><li>• Conducted bi-weekly intake sessions for clients under clinical supervision from registered clinical psychologists</li><li>• Delivered on-site crisis interventions, using evidence-based techniques (CBT) to de-escalate and stabilise individuals in acute distress</li><li>• Built a dynamic tiered care system with JavaScript to automate mental health tiered care assignment for &gt;48,000 students</li><li>• Automated the entire online therapy registration workflow for staff <a href="#">[here]</a>, incorporating innovative risk flagging methods</li><li>• Designed and implemented Prophet and Gradient Boosting models, achieving a 10% average prediction error over a 10 year period</li><li>• Analysed large datasets (&gt;350,000 counseling appointments) to inform NUS' mental health strategy alongside Chief Wellbeing Officer</li></ul>	Feb 2024 – Present
<b>Ministry of Social and Family Development (Child Protective Services)</b> <i>Assistant Manager (Child Protection Officer)</i> <ul style="list-style-type: none"><li>• Managed regular triage and social investigations for child protection (CP) cases involving violence and sexual abuse</li><li>• Screened intake inquiries and directed cases to suitable agencies via standardised assessment tools</li><li>• Provided emotional support and guidance for children and families, often in distressing situations</li><li>• Leveraged R, Python &amp; PowerBI for efficient data extraction, predictive analytics, and risk assessments</li><li>• Developed an automated tool to reverse-geocode postal codes (of known CP cases) into precise SG map coordinates</li></ul>	Jul 2023 – Feb 2024
<b>Temasek Trust</b> <i>Communications and Engagement Intern</i>	Jan 2023 – Jun 2023

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

## RELEVANT RESEARCH

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<b>Network psychopathology: leveraging vulnerability and simulation methods for mental health triaging</b> <ul style="list-style-type: none"> <li>[SUBMITTED] abstract for oral presentation (main author), <i>International Mental Health Conference 2025</i>, Australia <a href="#">[in review]</a></li> <li>Developed an innovative approach to analysing pre-intake clinical screening data via network science to identify key vulnerabilities</li> </ul>	Jun 2025
<b>NUS' triaging and risk automation system for mental health</b> <ul style="list-style-type: none"> <li>Yap, J., et al. (2025). Making sense of risk: NUS' data-driven approach [Poster presentation]. In <i>Global Mental Health in Asia 2025, 17 Feb 2025, Duke-NUS Medical School</i>. <a href="#">[here]</a></li> </ul>	Feb 2025
<b>Analysing mental health discourse on mindline.sg</b> <ul style="list-style-type: none"> <li>Yap, J. (2024). Analysing mental health discourse on mindline.sg [Poster presentation]. In <i>Higher Education Conference in Singapore (HECS) 2024, 3 December, National University of Singapore</i>. <a href="https://blog.nus.edu.sg/hecs/hecs2024-jyap/">https://blog.nus.edu.sg/hecs/hecs2024-jyap/</a></li> </ul>	Dec 2024

## RELEVANT SKILLS

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- 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)