

## 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

### RELEVANT PROFESSIONAL DEVELOPMENT

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<b>National University of Singapore</b> Data Literacy Programme (Intermediate)	Jan 2025
<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

### PROFESSIONAL EXPERIENCE

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<b>NUS Office of the President (Health and Wellbeing)</b> <i>Associate Psychologist (Senior Executive)</i>	Feb 2024 – Present
<ul style="list-style-type: none"><li>• Led data science efforts by implementing models forecasting trends, optimise resource allocation, and enhance client outcomes</li><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 and Python, enabling 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 11% 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>	
<b>Ministry of Social and Family Development (Child Protective Services)</b> <i>Child Protection Officer (Assistant Manager)</i>	Jul 2023 – Feb 2024
<ul style="list-style-type: none"><li>• Led triage processes for child protection cases, ensuring timely and accurate intake management of violence and abuse cases</li><li>• Screened inquiries and allocated cases to various agencies using standardized assessment tools to streamline workflows</li><li>• Conducted social investigations and case management involving alleged abuse or neglect by parents or caregivers of children</li><li>• Provided emotional support to children and families, demonstrating empathy in high-stress and sensitive situations</li><li>• Leveraged R, Python, and Power BI to optimize data extraction, predictive modeling, and risk assessment processes</li><li>• Developed a reverse-geocoding tool to map child protection case locations, enhancing geographic accuracy</li></ul>	

<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>	May 2022 – Jul 2022
<b>Ministry of Social and Family Development (Child Protective Services)</b> <i>Child Protection Intern (Intake-ALERT)</i>	Dec 2021 – Feb 2022
<b>NUS Office of the President (Health and Wellbeing)</b> <i>Communications and Branding Assistant</i>	Jul 2021 – Jul 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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1. **Yap, J., & Chu, J.** (2025, June). *Network psychopathology: leveraging vulnerability and simulation methods for mental health triaging* [Oral presentation]. International Mental Health Conference 2025, Australia [\[here\]](#)
2. **Yap, J., Yeo, D., Chu, J., & Tay, A.** (2025, February). *Making sense of risk: NUS' data-driven approach* [Poster presentation]. Global Mental Health in Asia 2025, Singapore. [\[here\]](#)
3. **Yap, J.** (2024, December). *Analysing mental health discourse on mindline.sg* [Poster presentation]. Higher Education Conference in Singapore (HECS) 2024, Singapore. [\[here\]](#)

## 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)

## RELEVANT AWARDS

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### NUS SPOT Award (2024)

Recognised for outstanding performance and contributions in mental health innovation at the National University of Singapore

### Home Team Achievement Award (2018)

Awarded for significant contributions and cross-agency teamwork in the Singapore Police Force