

## Johnathan Yap Wen Jie

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### EDUCATION & PROFESSIONAL CERTIFICATIONS

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#### National University of Singapore

2024

Professional Certificate in Clinical Practice and CBT Foundations for Adults

#### National University of Singapore

2019 – 2023

Bachelor of Arts with Honours (Psychology); Grade: Distinction (2:1)

### PROFESSIONAL DEVELOPMENT

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- Psychology Courses Attended: [Link](#)

### PROFESSIONAL EXPERIENCE

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#### NUS Office of the President (Health and Wellbeing)

Feb 2024 – Present

*Associate Psychologist (Clinical and Data Science)*

- Spearheaded frontline clinical operations, managing a caseload of >30 new clinical staff cases monthly
- Conducted intake and interventions for clients under clinical supervision from registered clinical psychologists
- Co-formulated NUS' mental health strategy [\[available on request\]](#) alongside Chief Wellbeing Officer
- Reduced allocation times to <2 days and wait times to <10 days through process improvements (i.e., automation & APIs)
- Automated the entire online therapy registration workflow [\[here\]](#), incorporating innovative risk flagging methods
- Applied Python models (i.e., prophet forecasting, simulations, BERT), to analyse >350,000 counselling appointments

#### Ministry of Social and Family Development (Child Protective Services)

Jul 2023 – Feb 2024

*Assistant Manager (Operations Strategy)*

- Managed regular triage and social investigations for child protection (CP) cases involving violence and sexual abuse
- Screened intake inquiries and directed cases to suitable agencies via standardised assessment tools
- Revamped operations and re-designed existing processes to overhaul existing service delivery approaches
- Leveraged R, Python & PowerBI for efficient data extraction, predictive analytics, and risk assessments
- Developed an automated tool to reverse-geocode postal codes (of known CP cases) into precise SG map coordinates
- Delivered data-driven insights through clear visualisations, reports, and presentations to inform decision-making

#### Temasek Trust

Jan 2023 – Jun 2023

*Communications and Engagement Intern*

- Strategised in Temasek Trust's identity rebranding (i.e., website overhaul, logo design, brand messaging)
- Monitored news outlets for trend jacking opportunities and emerging philanthropic trends

#### Singapore Prison Service (Psychological and Correctional Rehabilitation Division)

May 2022 – Jul 2022

*Research Intern*

- Assessed inmates for community program suitability leveraging various psychometric tools
- Researched on desistance & support networks for offenders incarcerated in maximum-security prison

#### NUS Office of the President (Health and Wellbeing)

Feb 2022 – Jul 2022

*Communications and Clinical Psychology Assistant*

- Coordinated daily management of a five-month long campus-wide mental health campaign

<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> <ul style="list-style-type: none"> <li>Spearheaded branding, design and corporate communications for campus-wide mental health initiatives</li> <li>Served as webmaster for NUS Health and Wellbeing, revamping functionality, design and user retention</li> </ul>	Jul 2021 – Jan 2022
<b>Singapore Police Force (Police Psychological Services Department)</b> <i>Research Intern</i> <ul style="list-style-type: none"> <li>Produced a qualitative report examining the proliferation of cyber extortion cases in Singapore</li> </ul>	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> <ul style="list-style-type: none"> <li>Led two-man patrol teams to promptly respond to diverse crimes within airport jurisdiction</li> <li>Recognised for outstanding policing efforts, awarded with Home Team Achievement Award (2018)</li> </ul>	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> </ul>	Nov 2024
<b>Triaging and Risk Automation System for Mental Health (Project TRAS-Me)</b> <ul style="list-style-type: none"> <li>Submitted abstract for poster presentation (main author), <i>Global Mental Health in Asia 2025 Symposium</i>, Singapore <a href="#">[here]</a></li> <li>Explored data analytics, BERT, and programming to identify, visualise, and prioritise risk for cases seen by NUS HWB</li> </ul>	Oct 2024
<b>Analysing Mental Health Discourse on mindline.sg</b> <ul style="list-style-type: none"> <li>Accepted poster presentation (solo author), <i>Higher Education Conference 2024</i>, Singapore <a href="#">[here]</a></li> <li>Leveraged web scraping, sentiment analysis, topic modelling and isolation forests to analyse &gt;1000 mental health forum posts</li> </ul>	Jun 2024

## RELEVANT PROJECTS

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<b>NUS-wide Clinical Workflows</b> <ul style="list-style-type: none"> <li>Launched the visual generation of pre-intake clinical scores <a href="#">[here]</a> and client progress tracking via Python</li> <li>Built NUS' tiered care mental health triaging system using JavaScript, used by &gt;40,000 NUS students <a href="#">[here]</a></li> </ul>	May 2024
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## 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)