Johnathan Yap Wen Jie

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EDUCATION & PROFESSIONAL CERTIFICATIONS

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

National University of Singapore (Yong Loo Lin School of Medicine)   Nov 2024
Fundamentals of Cognitive Behavioural Therapy

Samaritans of Singapore & CAMS-care   Aug 2024
Collaborative Assessment and Management of Suicidality [here]

American Psychiatric Association   Jun 2024
Motivational Interviewing for People with Serious Mental Illness [here]

Stanford University School of Medicine   Oct 2023
Cognitive Behavioral Therapy for Psychosis [here]

PROFESSIONAL EXPERIENCE

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 sessions (2 per week) for clients under clinical supervision from registered clinical psychologists
- Delivered on-site crisis interventions, using evidence-based techniques (CBT) to de-escalate and stabilise individuals in acute distress
- Built a dynamic tiered care system with JavaScript to automate mental health tiered care assignment for >48,000 students
- Automated the entire online therapy registration workflow for staff [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 (Child Protection Officer)
- 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
- Provided emotional support and guidance for children and families, often in distressing situations
- 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

Temasek Trust   Jan 2023 – Jun 2023
Communications and Engagement Intern
- Delivered data-driven insights through clear visualisations, reports, and presentations to inform decision-making

Singapore Prison Service (Psychological and Correctional Rehabilitation Division)   May 2022 – Jul 2022
Research Intern
- Researched on desistance & support networks for offenders incarcerated in maximum-security prisons

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

Ministry of Social and Family Development (Child Protective Services)   Dec 2021 – Feb 2022
Child Protection Intern (Intake-ALERT)
- 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

NUS Office of the President (Health and Wellbeing)   Jul 2021 – Jan 2022
Communications and Branding Assistant

Singapore Police Force (Police Psychological Services Department)   Sep 2021 – Dec 2021
Research Intern

Central Narcotics Bureau (Communications Division)   May 2021 – Jul 2021
Communications Intern

NUS Situated Goal Pursuit Lab   Jan 2021 – Jul 2021
Undergraduate Research Assistant

Singapore Police Force (Airport Police Division)   Apr 2017 – Feb 2019
Police Officer (Ground Response Force)

RELEVANT RESEARCH

Network Psychopathology: Leveraging vulnerability and simulation methods for mental health triaging   Nov 2024
- Submitted abstract for oral presentation (main author), *International Mental Health Conference 2025*, Australia [in review]
- Developed an innovative approach to analysing pre-intake clinical screening data via network science to identify key vulnerabilities

Triaging and Risk Automation System for Mental Health (Project TRAS-Me)   Oct 2024
- Submitted abstract for poster presentation (main author), *Global Mental Health in Asia 2025 Symposium*, Singapore [in review]
- Explored data analytics, BERT, and programming to identify, visualise, and prioritise risk for cases seen by NUS HWB

Analysing Mental Health Discourse on mindline.sg   Jun 2024
- Accepted poster presentation (solo author), *Higher Education Conference 2024*, Singapore [here]
- Leveraged web scraping, sentiment analysis, topic modelling and isolation forests to analyse >1000 mental health forum posts

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)