### 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

• Psychology Courses Attended: Link

#### 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 >25 new clinical staff cases monthly
- Conducted intake and interventions for clients under clinical supervision from registered clinical psychologists
- Co-formulated NUS' mental health manpower 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)</li>
- Automated the entire online therapy registration workflow [here], incorporating innovative risk flagging methods
- Applied Python models (i.e., prophet forecasting and bootstrapping), 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

# Dec 2021 - Feb 2022 Ministry of Social and Family Development (Child Protective Services) 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 Spearheaded branding, design and corporate communications for campus-wide mental health initiatives Served as webmaster for NUS Health and Wellbeing, revamping functionality, design and user retention Singapore Police Force (Police Psychological Services Department) Sep 2021 - Dec 2021 Research Intern Produced a qualitative report examining the proliferation of cyber extortion cases in Singapore 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) Led two-man patrol teams to promptly respond to diverse crimes within airport jurisdiction Recognised for outstanding policing efforts, awarded with Home Team Achievement Award (2018) POSTER PRESENTATIONS Analysing Mental Health Discourse on mindline.sg Jun 2024 Accepted poster presentation, Higher Education Conference 2024, Singapore [here] Leveraged web scraping, sentiment analysis, and topic modelling to analyse > 1000 mental health forum posts Making Sense of Risk: NUS Health and Wellbeing's Approach Oct 2024 Submitted abstract for poster presentation [in review], Global Mental Health in Asia 2025 Symposium, Singapore Explored data analytics, NLP, and programming to identify, visualise, and prioritise risk at NUS HWB **CLINICAL PROJECTS**

**NUS-wide Clinical Workflows** May 2024

- Launched the visual generation of pre-intake clinical scores [here] and client progress tracking via Python
- Built NUS' tiered care mental health triaging system using JavaScript, used by >40,000 NUS students [here]

#### **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)