# Johnathan Yap Wen Jie

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## EDUCATION

**National University of Singapore**                                             Aug 2019 – May 2023
Bachelor of Arts with Honours (Psychology); Grade: Distinction

## PROFESSIONAL EXPERIENCE

**NUS Office of the President (Health and Wellbeing)**                            Feb 2024 – Present
Wellbeing Navigator (Associate Psychologist)

**Ministry of Social and Family Development (Child Protective Services)**         Aug 2023 – Feb 2024
Assistant Manager, Operations Strategy (Data & Technology)
- Created a risk score prediction model using LightGBM, xGBoost, and NLP techniques, achieving 80% accuracy
- Utilised geospatial modelling for geographical mapping of cluster hotspots of child protection cases
- Led the end-to-end development, implementation, and launch of responsive web applications utilising Vercel
- Used R and Python in tandem for efficient data extraction, analytics and storytelling regularly
- Conducted triage and initial investigations for 10 NAVH related child protection cases weekly

**Temasek Trust**                                                                Jan 2023 – Jun 2023
Communications and Engagement Intern
- Created data-driven reports to inform communications strategy across different platforms
- Developed an R-scripted automated news web scraping tool for real-time social listening
- Built an intranet platform, automated leave tracking system, and media contacts database

**National University of Singapore**                                             Oct 2022 – Dec 2022
Research Assistant
- Researched on educational aspirations among low-income families (Social Work)
- Web-scraped images, text and data for subsequent analysis using R and Python (Psychology & LKYSPP)

**Singapore Prison Service (Psychological and Correctional Rehabilitation Division)**    May 2022 – Jul 2022
Research Intern
- Conducted interviews, risk assessments and data collection with inmates
- Led a qualitative study investigating crime and desistance among youth inmates

**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
- Supported clinical psychology operations (i.e., team meetings, triaging of cases, case formulations)
- Built a web appointment scheduling system that saw an average intake of 4 new clinical cases per week

**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 6 after-hours crisis activations, intake enquiries and screening assessments
- Negotiated with parents and caregivers to ensure implementation and adherence to safety plans

**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, improving functionality, design and user retention
- Ideated, designed and produced bi-monthly mental health resources

**Singapore Police Force (Police Psychological Services Department)**          Sep 2021 – Dec 2021
Research Intern
- Produced a report examining the proliferation of cyber extortion cases in Singapore
- Coded qualitative data for extortion scripts into meaningful and cohesive categories
- Crafted 2 case studies for SPF's Sexual Crime Duty Officer (SCDO) course

**Central Narcotics Bureau (Communications Division)**          May 2021 – Jul 2021
Communications Intern
- Produced innovative content for CNB's social media channels using Adobe Photoshop and Illustrator
- Conducted research and made recommendations to further CNB's preventive drug education outreach efforts
- Synthesised the US opioid crisis into a written report and developed relevant educational materials

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

**Home Team Behavioural Sciences Centre (Crime and Forensic Psychology)**          Dec 2020 – Jan 2021
Research Intern

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

## RELEVANT SKILLS

- Design Software (Photoshop, Illustrator, Figma)
- IBM SPSS
- JavaScript, HTML, CSS
- Microsoft Office
- Python (pandas, NumPY, PyTorch)
- R Studio (Data Wrangling, NLP, Networks, Web Scraping, Shiny)
- SQL
- Tableau
- QGis