

TAN HAN WEI (KEN)

Email TANH0273@e.ntu.edu.sg • [Google Scholar](#) • [LinkedIn](#) • [ORCID](#)

EDUCATION

Nanyang Technological University, School of Social Sciences, Department of Psychology

Doctor of Philosophy (PhD) in Psychology

Thesis: TBC

Advisor: Associate Professor Joyce Pang

National University of Singapore, Department of Communications and New Media

Master of Arts (by research) in Communications and New Media, 2024

Thesis: Is There a Community of Inquiry on Facebook?

Advisor: Professor Zhang Weiyu

Summer Institutes in Computational Social Science, National University of Singapore

Participant in the 2nd SICSS-Singapore, Summer 2023

Nanyang Technological University, School of Social Sciences & Wee Kim Wee School of Communication and Information

Bachelor of Social Sciences (Honours), Double Major in Psychology & Media Analytics, 2022

Ngee Ann Polytechnic, School of Business and Accountancy

Diploma in Business Studies (Human Capital Management), 2016

Diploma Plus Certificate in Quantitative Methods & Economics, 2016

RESEARCH INTERESTS

Computational Social Science

Human Motivation (Achievement, Power, Affiliation)

Internet Archive

Personality Psychology

Political Psychology

Social Media Analytics

Text Analytics

RESEARCH EXPERIENCE

National University of Singapore, Singapore

Jan 2024 to Jun 2024

Graduate Research Assistant, Department of Communications & New Media

Project Title: Citizen Science

National Institute of Education, Singapore

Jun 2022 to Sep 2023

Research Assistant, Office of Education Research

Project: DEV 05/19 CM

Project Title: Developing and Piloting an Assessment Tool of Daily Living Skills for Students with Special Educational Needs (SEN) in Singapore

- Assisted in the monthly administrative, financial budget and purchases.
- Assisted in conducting e-DELPHI analysis with 34 SEN experts.
- Developed a codebook to conduct content analyses on 1397 qualitative comments collected from the e-DELPHI.

National Institute of Education, Singapore

Sep 2019 to May 2022

Student Research Assistant, Office of Education Research

Project: SUG 06/18 CM and DEV 05/19 CM

- Assisted in the preparation of literature reviews, data analysis, and report writing.
- Processed monthly administrative and financial claims.

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- Organized and recruited 53 subjects for an in-person experiment in 2.5 months.

Nanyang Technological University, Singapore Aug 2021 to Apr 2022

Undergraduate Student Researcher, College of Humanities, Arts, and Social Sciences

Media Analytics Final Year Project (Individual Research)

Project Topic: Role of Political Motivations, Cognition, and Personality Traits in Political Misinformation Engagement

- Online surveyed and analysed responses from 1,276 participants across two studies.
- Conducted Multiple Linear Regression.

Project output was accepted for one international conference:

- 72nd Annual ICA Conference

Awards Achieved:

- The Global Undergraduate Awards 2022 - Regional Winner and Highly Commended in the Politics & International Relations Category

Psychology Final Year Project (Group Research)

Project Topic: Systematic Review on the Psychosocial Aspects of Online Dating Apps

- Performed systematic review of 55 peer-reviewed articles using PRISMA 2020.

Nanyang Technological University, Singapore

Aug 2020 to Jun 2021

NTU President Research Scholar, Undergraduate Research Experience on Campus (URECA)

Project Topic: Making Sense of social media data on Covid-19 Vaccine

Aug 2020 – Jun 2021

- Analysis conducted includes topic modelling and sentiment analysis on over 500,000 Tweets using RStudio and LIWC2015

Project output was accepted for three international conferences and one undergraduate conference:

- 72nd Annual ICA Conference
- 84th Annual Meeting of the ASIS&T
- 23rd HCI International Conference
- 9th International Conference of Undergraduate Research

Awards Achieved:

- The Global Undergraduate Awards 2022 - Highly Commended in the Social Science: Sociology & Social Policy Category
- URECA Undergraduate Research Excellence Award 2021 with Distinction

PUBLICATIONS

Peer-Reviewed Articles

Ahmed, S., & **Tan, H. W.** (2022). Personality and perspicacity: Role of personality traits and cognitive ability in political misinformation discernment and sharing behavior. *Personality and Individual Differences*, 196, 111747. <https://doi.org/10.1016/j.paid.2022.111747>

Chen, M., Hyppa-Martin, J., Bunnell, H. T., Lilley, J., Foo, C., **Tan, H. W.**, & Lim, W. S. (2023). Voice banking to support individuals who use speech-generating devices: Development and evaluation of Singaporean-accented English synthetic voices and a Singapore Colloquial English recording inventory. *Augmentative and Alternative Communication*, 0(0), 1–11. <https://doi.org/10.1080/07434618.2023.2181213>

Conference Papers

Lee, C. S., Goh, D. H., **Tan, H. W.**, Zheng, H., & Theng, Y. L. (2021). Understanding the Temporal Effects on Tweetcussion of COVID-19 Vaccine. *Proceedings of the Association for Information Science and Technology*, 58(1), 768–770. <https://doi.org/10.1002/pra2.556>

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Tan, H. W., Lee, C. S., Goh, D. H.-L., Zheng, H., & Theng, Y. L. (2021). Analyzing COVID-19 Vaccine Tweets for Tonal Shift. In C. Stephanidis, M. Antona, & S. Ntoa (Eds.), *HCI International 2021—Posters* (Vol. 1421, pp. 615–623). Springer International Publishing. https://doi.org/10.1007/978-3-030-78645-8_78

Working Papers

Sim, Y. H. *, & **Tan, H. W.*** Using Google Earth to explore historical places: Combining the crafting of place descriptions and students' meta-processes for an understanding of Battle of southern Malaya. (*Book Chapter – Accepted*)

Ng, S. W. T., **Tan, H. W.** Emotional and Informational Support from AI Chatbots: The Case of ChatGPT. (*Peer-Reviewed Article – Submitted*)

[* indicates equal co-first authorship]

CONFERENCE TALKS

Ng, S. W. T. *, **Tan, H. W.*** (2024, June). *Emotional and informational support from AI chatbots: The case of ChatGPT*. Paper presented at the 74th Annual International Communication Association (ICA) Conference. Gold Coast, Australia (Hybrid).

Tan, H. W., Ahmed, S. (2022, May). *Role of Ideologies, Cognition, and Dark and Light Triad Traits in Political Misinformation Engagement*. Extended Abstract presented at the 72nd Annual International Communication Association (ICA) Conference. Paris, France (Hybrid).

Lee, C. S., Goh, D. H., **Tan, H. W.**, Zheng, H., & Theng, Y. L. (2022, May). *The Situational Theory of Publics Approach to Understand Tweets about COVID-19 Vaccines*. Poster paper presented at the 72nd Annual International Communication Association (ICA) Conference. Paris, France (Hybrid).

Tan, H. W., Lee, C. S. (2021, September). *The Tweetcussion of COVID-19 Vaccine*. Poster paper presented at the 9th Annual International Conference of Undergraduate Research (ICUR 2021).

Lee, C. S., Goh, D. H., **Tan, H. W.**, Zheng, H., & Theng, Y. L. (2021, Oct). *Understanding the Temporal Effects on Tweetcussion of COVID-19 Vaccine*. Poster presented at 84th Annual Meeting of the Association for Information Science and Technology (ASIS&T 2021).

Tan, H. W., Lee, C. S., Goh, D. H.-L., Zheng, H., & Theng, Y. L. (2021, July). *Analyzing COVID-19 Vaccine Tweets for Tonal Shift*. Poster presented at 23rd International Conference on Human-Computer Interaction (HCI International 2021).

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EXTERNAL AND INTERNAL FUNDING

Internal Grants

Real Estate Developers' Association of Singapore (REDAS) Grant

Nanyang Technological University, Singapore

Wee Kim Wee School of Communication and Information

PI: Asst Prof Saifuddin AHMED; Student PI: **TAN Han Wei**

Funding for Oct 2021 – Jan 2023 – Year: S\$4.9 K

AWARDS AND HONORS

NTU Research Scholarship, Nanyang Technological University, 2024 – Present

NUS FASS Graduate Students' Teaching Award Semester 2 of AY22-23, National University of Singapore, 2023

NUS FASS Graduate Teaching Fellowship, National University of Singapore, 2022 – 2023

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The UA Awards 2022 – Regional Winner in the Politics & International Relations Category, The Global Undergraduate Awards, 2022

The UA Awards 2022 – Highly Commended in the Politics & International Relations Category, The Global Undergraduate Awards, 2022

The UA Awards 2022 – Highly Commended in the Sociology & Social Policy Category, The Global Undergraduate Awards, 2022

URECA Undergraduate Research Excellence Award 2021 with Distinction, Nanyang Technological University, 2021

TEACHING EXPERIENCE

National University of Singapore, Singapore Aug 2022 – Dec 2023

Graduate Teaching Assistant, Department of Communications & New Media

NMC5322 Interactive Media Marketing Practices (Fall 2023, assisted a Master by Coursework Seminar with 58 Students)

NM3242 Organisational Communication and Leadership (Fall 2023, Taught an Undergraduate Tutorial of 25 Students, Teaching Score: 4.6 out of 5)

GES1031/GESS1022 Culture and Communication in Singapore (Spring 2023, Taught three Undergraduate Tutorials of 45 Students, Teaching Score: 4.3 out of 5)

NM3242 Organisational Communication and Leadership (Fall 2022, Taught an Undergraduate Tutorial of 17 Students, Teaching Score: 3.9 out of 5)

PROFESSIONAL EXPERIENCE

Civil Service College Singapore, Singapore

May 2021 to Aug 2021

Programme Development Intern, IPAM SHR

- Co-lead a Design Thinking Project on Human Resources Digitalisation.
- Assisted with designing infographics.
- Assisted with the coordination of webinars.

Resorts World Sentosa Singapore, Singapore

Feb 2016 to Jun 2016

Human Resources Executive, HR Entertainment

- Coordinated local and international employees' recruitment, interview, and offering process for Universal Studios Singapore and Halloween Horror Night 6.
- Resolved disciplinary matters pertaining to Entertainment Department.
- Mentored and guided the learning process for the team's HR Intern.

Resorts World Sentosa Singapore, Singapore

Sep 2015 to Feb 2016

Human Resources Intern, HR Attractions

- Supported Human Resources, Attractions Team.
- Facilitated the recruitment and offering process for new candidates.
- Resolved queries pertaining to casual new hires.

TECHNICAL SKILLS

Microsoft Office – *Words, PowerPoint, Excel*

Final Cut Pro X – *Basic to Intermediate Video Editing*

LIWC2015/2022 – *Intermediate Text Analysis*

Python / RStudio – *Intermediate Programming Skills*

SPSS 25 – *Intermediate Statistical Analysis*

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REFERENCES

Assoc Prof. ZHANG Weiyu, *Associate Professor*

National University of Singapore, Department of Communications and New Media
weiyu.zhang@nus.edu.sg

Dr. SIM Yong Huei, *Lecturer*

National Institute of Education, Nanyang Technological University
yonghuei.sim@nie.edu.sg

Asst Prof. YU Chao, *Assistant Professor*

National University of Singapore, Department of Communications and New Media