

ALEXANDER ENG

Department of Management and Organization
National University of Singapore Business School
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EDUCATION

- 2021 – 2023 Ph.D. Management & Organization
National University of Singapore, Business School
- 2018 – 2021 Ph.D. Engineering Technology Management (Transferred to Ph.D. in
Management after 3rd year)
National University of Singapore, Engineering Faculty
- 2016 B. Psychology (with 1st class hons)
James Cook University

RESEARCH INTERESTS

Human-Robot Interaction, Algorithm Aversion, Social Robots

PUBLICATIONS

Eng, A., Yam, K. C., & Gray, K. (2023). People treat social robots as real social agents
[Commentary]. *Behavioral and Brain Sciences*, 46, E28.
doi:10.1017/S0140525X22001534

MANUSCRIPTS UNDER INVITED REVISION

Eng, A., Yan, L., Tang, P. M., & Yam, K. C. (1st R&R). Crossover effects. *Journal of Applied Psychology*

Yam, K. C., Tang, P. M., Bigman, Y., Yan, L., & **Eng, A.** (1st R&R, under 2nd review). Social robots. *Journal of Consumer Psychology*

Gray, K., Yam, K. C., **Eng, A.**, Wilbanks, D. & Waytz, A. (conditional acceptance). The psychology of social robots and artificial intelligence.
Handbook of Social Psychology (6th edition)

PAPERS UNDER REVIEW

Yam*, K. C., **Eng***, A., & Gray, K. Algorithm aversion review. (Submitted to the *Annual Review of Organizational Psychology and Organizational Behavior*)

* Indicates co-first authors

Eng, A., Yam, K. C. Machine morality and punishment. (Submitted to *Journal of Experimental Psychology: General*)

WORK IN PROGRESS

Eng, A., Tang, P. M., & Yam, K. C. Reducing algorithm aversion. (4 studies completed)

Eng, A., Yam, K. C., & Jackson, J. C. AI and work values. (3 studies completed)

Ong, W. J., He, T. Y., & **Eng, A.** Algorithmic decision making. (2 studies completed)

CONFERENCE PRESENTATIONS

Eng, A., Yam, K. C., & Barnes, C. M. (2022). *Deliberate bedtime procrastination can have surprising effects*. Paper presented at the annual meeting of the Academy of Management, Seattle.

TEACHING EXPERIENCE

2018 – 2020 **Lecturer, Exchange Program (R Programming)**
Alexander conducted R programming lectures to Chinese exchange students as parts of his Research Assistantship.
<https://alim.algorithmexchange.com/r-programming/#>

2016 – 2018 **Private Education**
Alexander privately tutored undergraduate students in research methodology, organizational behavior, and psychology.
<https://www.facebook.com/thestatsguys/>

PROFESSIONAL EXPERIENCE & PROJECTS

2018 – Present **Research Assistant, National University of Singapore**

HSS Seed Fund: S\$20,000. Robots at Work, 2022-2023.
Alexander took a leading role with researchers from NUS Business School to initiate, conceptualize and develop the project.

Workforce Development Applied Research Fund (WDARF): S\$488,864.
Developing an Impact Evaluation Protocol for SSG's Skills Framework, 2021-2022.
Alexander took a leading role with researchers from NUS Engineering, NUS Business School, and NUS Faculty of Arts and Social Sciences, as well as industry experts from the Association of Small and Medium Enterprises, the Centre for Creative Leadership and SkillsFuture Singapore to initiate, conceptualize and develop the project.

HSS Seed Fund: S\$40,000. An Evaluation of Singapore's efforts to increase Employee Engagement, 2018-2021.

Alexander took a leading role with researchers from NUS Engineering and NUS Business School, as well as industry partners from NTUC Learning Hub to initiate, conceptualize and develop the project.

Dole Thailand (Lead Researcher & Manager). Digitizing Agricultural Forecasting.

Alexander took the lead as the main project liaison with Dole Thailand and Dole Philippines to manage a research team of 6 other researchers to deliver accurate forecasts of agricultural production monthly. He worked with AI researchers to develop and maintain forecasting algorithms which maintained an accuracy of over 80% over 2 years.

<https://alim.algorithmexchange.com/pineapple-project/>

<https://alim.algorithmexchange.com/dole-showcase/>

Digitize ASEAN, (NUS POC) – 2019

Alexander acted as NUS' point of contact to co-organize DA 2019 with YCH, Singapore Business Federation and the ASEAN Business Advisory Council. The event was attended by Minister Chan Chun Sing, and aimed to inform the ASEAN business community on the latest developments as well as business opportunities in the progressively integrated and digitalized region.

<https://alim.algorithmexchange.com/asean-fellows/> (Click governments)

ASEAN Applied Research Centre – 2019

Developed relationships with universities in Southeast Asia to set up the ASEAN Applied Research Centre & organized visits to regional universities with the founding director.

<https://alim.algorithmexchange.com/asean-fellows/> (Click universities)

<https://aseanarc.org/>

2011 – 2013

Section Commander, Singapore Armed Forces

Alexander was a 3rd Sergeant in the Singapore Guards Battalion, a rapid deployment elite infantry formation of the Singapore Army responsible for conducting air assault, expeditionary, and amphibious operations. He led a 7-man section.

PROFESSIONAL SERVICES

Assistant Ad-Hoc Reviewer

Journal of Management Studies

Organizational Behavior and Human Decision Processes

Organization Science

Personnel Psychology