

## Pavithren V S Pakianathan

Master of Engineering

Date of birth: 29/06/1991

Languages: English and Tamil

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### Academic Career

- Pre-Doctoral Candidate - Ludwig Boltzmann Institute for Digital Health and Prevention and Ludwig-Maximilians-Universität München
    - September 2022 – Present
  - Research Associate - Saw Swee Hock School of Public Health, National University of Singapore
    - September 2021- August 2022
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### Academic Achievements

Original Articles: 3

First Author and Corresponding Author: 1

Co-Author: 2

Invited Presentations: 1

Reviewer Activities: 2

Funded Grants: 1

Habilitation: N

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### Selected Publications

- [1] P. V S Pakianathan, D. Wurhofer, D. Kumar, J. Niebauer, and J. D. Smeddinck, "Multi-Stakeholder Design for Complex Digital Health Systems: Development of a Modular Open Research Platform (MORE)," in *dHealth*, 2023.
- [2] C. Zakaria, P. S. Foong, C. S. Lim, P. V S Pakianathan, G. H. C. Koh, and S. T. Perrault, "Does Mode of Digital Contact Tracing Affect User Willingness to Share Information? A Quantitative Study," in *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems*, 2022, pp. 1–18.
- [3] P. V S Pakianathan and S. Perrault, "Towards Inclusive Design of Mobile Privacy and Security for Older Adults," Master Thesis, Singapore University of Technology and Design, 2021.
- [4] I. Ng *et al.*, "From digital exclusion to universal digital access in Singapore," *Singapore: Faculty of Arts and Social Sciences, National University of Singapore*, 2021.
- [5] P. V S Pakianathan and S. Perrault, "Towards Inclusive Design for Privacy and Security Perspectives from an Aging Society," in *Sixteenth Symposium on Usable Privacy and Security (SOUPS)*, 2020.

### Leadership / Research Experience

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- Facilitated a multi-disciplinary stakeholder workshop to extract design requirements for a Modular and open research platform for conducting digital health research.
- Conducted user studies on Digital Patient Decision Aids (PtDAs) for Osteoporosis and Urology (PSA) patients
- Conducted interviews, and user studies with approximately 50 adults and older adults in a multi-phase study
- Awarded a research grant of approximately 10,000 Singapore dollars to work on a research proposal involving deaf and hard-of-hearing participants.
- Drafted a design research methodology, recruited participants and conducted ethnographic observations and semi-structured interviews with participants.
- Co-authored a [short paper](#) on using a single pixel to convey information about sound to the deaf and hard-of-hearing community under the supervision of Professor Suranga Nanayakkara, at the OzCHI 2016 conference in Tasmania, Australia.