

Shanhong Liu

[✉ shanpong_liu@mymail.sutd.edu.sg](mailto:shanpong_liu@mymail.sutd.edu.sg) | [👤 shanhongliuu](https://orcid.org/0000-0002-1342-1000) | [🎓 Google Scholar](#)

Education

Singapore University of Technology and Design (SUTD)

PH.D. INFORMATION SYSTEMS TECHNOLOGY AND DESIGN

Singapore

Sept 2023 - Now

- **Research Interests:** Multimodal Reasoning

- **Supervisor:** Prof. Malika Meghjani, Prof. De Wen Soh

University of Guelph

MASTER OF ENGINEERING SYSTEMS AND COMPUTING,

Guelph, ON

Sept 2019 - Dec 2020

- **Master Project:** Cloud-Based Impaired Driving Detection with In-Vehicle Camera

- **Supervisor:** Prof. Radu Muresan

Experiences

Teaching Assistant

50.007 MACHINE LEARNING

Singapore, SUTD

May. 2024 - September. 2024

- Helped to create the homework and midterm exam paper.
- Produced a linear algebra tutorial session for all the cohorts.
- Marked 158 students' homework.

Teaching Assistant

50.005 MACHINE LEARNING OPERATIONS

Singapore, SUTD

Jan. 2024 - April. 2024

- Practiced and checked all the course materials including setting up AWS account for each student and handling the GPUs with school.
- Helped to create the hands-on notes and tutorials for Generative AI on AWS.
- Handled and presented two lab sessions alone for a class of 28 students.
- Marked all the programming assignments and final course project.

Database Analyst and Website Designer

WOODLAWN FURNITURE INC

Guelph, Canada

May. 2021 - May. 2023

- Conducted data analysis on sales trends and customer behavior to identify areas for business growth and optimization.
- Designed and maintained the company's e-commerce website using platforms including Odoo and Squarespace, resulting in increased online sales and improved user experience.
- Collaborated with the marketing team to create digital marketing campaigns and graphic designs using Adobe Illustrator, contributing to the company's brand identity and awareness.

Research Publication

1. **Liu, O. S.**, Ng, P. C., Soh, D. W., & Plataniotis, K. N. (2026). Yes *FLoReNce, I Will Do Better Next Time! Agentic Feedback Reasoning for Humorous Meme Detection*. arXiv preprint arXiv:2601.07232.
2. **Liu, S.**, Muresan, R., & Al-Dweik, A. (2020). *Leveraging Deep Learning for Inattentive Driving Behavior with In-Vehicle Cameras*. In *Proceedings of the International Symposium on Networks, Computers and Communications (ISNCC)* (pp. 1–6), Montreal, QC, Canada.