CHIA-YI SU

Email: csu3@nd.edu

Website: https://chiayisu.github.io/

EDUCATION

University of Notre Dame *August 2022 - Present*
Ph.D. in Computer Science Engineering Notre Dame, IN
Advisor: Professor Yanfang (Fanny) Ye

National Kaohsiung University of Science and Technology *August 2020 - June 2022*
M.S. in Electronics Engineering Kaohsiung, Taiwan, R.O.C.
Thesis : Study on Chinese Interactive Dialog System for Diseases Information Retrieval Cumulative
GPA: 3.86 / 4.0
Advisor: Professor Tsong-Yi Chen

National Kaohsiung University of Science and Technology *August 2016 - June 2020*
B.S. in Electronics Engineering Kaohsiung, Taiwan, R.O.C.
Cumulative GPA: 3.78 / 4.0
Advisor: Professor Tsong-Yi Chen

PUBLICATIONS

Journal Articles (peer reviewed)

* indicates corresponding author

[J1]   D.-J. Wang, T.-Y. Chen, and **C.-Y. Su** [*], "AidIR: An Interactive Dialog System to Aid Disease Information Retrieval," *Applied Sciences*, vol. 12, no. 4, 2022. DOI: 10.3390/app12041875.

WORK EXPERIENCE

National Kaohsiung University of Science and Technology July 2020 - June 2022
Research Assistant *Kaohsiung, Taiwan, R.O.C.*

· Conducted research on interactive dialog system, natural language understanding, human–computer interaction, and reinforcement learning
· Proposed Minister of Science and Technology projects
· Conducted Minister of Science and Technology projects
· Composed final reports for Minister of Science and Technology projects

National Kaohsiung University of Science and Technology September 2019 - June 2022
Teaching Assistant *Kaohsiung, Taiwan, R.O.C.*

· Instructed natural language processing and reinforcement learning (graduate-level)
· Advised undergraduate students on the software engineering course
· Designed software engineering course schedule
· Advised in-service master's program student on thesis

Hewlett Packard Enterprise July 2019 - June 2020
College Intern *Taipei, Taiwan, R.O.C.*

· Automated 100 test cases with Robot Framework

- Trimmed down test time from 10 days to 4 hours only
- Proposed and developed Intuitive Web Test Automation Functions to allow other developers to develop automation programs with intuitive command
- Assisted to teach automation course
- Developed web that allows user to retrieve information front-end

TECHNICAL SKILLS

Programming Languages	Python, C++, LaTex, and SQL
Frameworks	Pytorch, Hugging Face Transformers, BertViz, Numpy
Tools	Git, Vim, GCD