

CHIA-YI SU

Email: csu3@nd.edu

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

EDUCATION

University of Notre Dame

Ph.D. in Computer Science Engineering
Advisor: Professor Yanfang (Fanny) Ye

August 2022 - Present

Notre Dame, IN

National Kaohsiung University of Science and Technology

M.S. in Electronics Engineering

Thesis : Study on Chinese Interactive Dialog System for Diseases Information Retrieval Cumulative

GPA: 3.86 / 4.0

Advisor: Professor Tsong-Yi Chen

August 2020 - June 2022

Kaohsiung, Taiwan, R.O.C.

National Kaohsiung University of Science and Technology

B.S. in Electronics Engineering

Cumulative GPA: 3.78 / 4.0

Advisor: Professor Tsong-Yi Chen

August 2016 - June 2020

Kaohsiung, Taiwan, R.O.C.

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

Research Assistant

July 2020 - June 2022

Kaohsiung, Taiwan, R.O.C.

- Conducting 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

Teaching Assistant

September 2019 - June 2022

Kaohsiung, Taiwan, R.O.C.

- Instructing 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

College Intern

July 2019 - June 2020

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

Computer Languages	Python, C++, Robot Framework, LaTeX, and SQL
Frameworks	Pytorch, Hugging Face Transformers, BertViz, Numpy
Tools	Git, Vim, GCD