

# CHIA-YI SU

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

## EDUCATION

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**National Kaohsiung University of Science and Technology**

*June 2022 (expected)*

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

**National Kaohsiung University of Science and Technology**

*June 2020*

B.S. in Electronics Engineering

Cumulative GPA: 3.78 / 4.0

Advisor: Professor Tsong-Yi Chen

## PUBLICATIONS

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### 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

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**National Kaohsiung University of Science and Technology**

July 2020 - Present

*Reserch Assistant*

*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**

September 2019 - Present

*Teaching Assistant*

*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**

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

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### **Computer Languages**

Python, C++, Robot Framework, LaTeX, and SQL

### **Frameworks**

Pytorch, Hugging Face Transformers, BertViz, Numpy

### **Tools**

Git