

# Mu-Hui Yu

Master in Computer Science @ NTU, Taiwan

[muhuiyu.grace@gmail.com](mailto:muhuiyu.grace@gmail.com)

+886-970-949-033

No. 1, Sec. 4, Roosevelt Rd.  
Da-an District, Taipei, Taiwan



## RESEARCH INTERESTS

Natural Language Processing, Deep Learning,  
Human Computer Interaction



## EDUCATION

**Bachelor of Computer Science & Information Engineering**

National Taiwan University, Taiwan

2014.09-2018.06 (get into Graduate school at 2018.08)



## EXPERIENCE & SELECTED PROJECTS

**Independent Study Project – Emotion-aware Lyrics generator**

National Taiwan University 2016.9-2017.6 ([github](#))

Multi-emotional lyrics generator by bi-RNN with attention

**Summer Internship – Chatbot development in Chinese**

Sinica Academia 2017.7-2017.8 ([github](#))

Recommendation chatbot on retrieval-based & Name Entity linking

**Adjunct Research Assistant – RL Dialog Management(DM)**

Sinica Academia 2017.9-present

Implemented Reinforcement Learning on DM of recommendation chatbot

**Project Cooperator Engineer – Chatbot Development**

Pixnet inc. 2017.12-2018.06

Implemented chatbot in multi-domain

**Official Websites Developer in Japan, Aomori**

OMF(Overseas Missionary Fellowship) Japan 2017.9 (one month)

Church website construction and illustration design

**Adjunct Full Stack Web Developer**

uwlove inc. 2016.9-2017.6

Shopping website & backstage system with php, sql, python server

**Live Streaming Auction System**

Course: Computer Network Lab, Final Project 2017.06 ([github](#))

Use Live Streaming Auction System with node.js server



## AWARD

**Independent Study Project – SeqTextVis: Data Visualization**

- Accepted Poster – 2018 IEEE PacificVis

**Independent Study Project – Emotion-aware Lyrics generator**

- Company First Prize – 2017 leopard mobile inc.

**Summer Internship – Chatbot development in Chinese**

- First Prize – 2017 Pixnet hackerton “in-domain Chatbot”

## LANGUAGES

Chinese

English

Japanese

## COMPUTER SKILLS

C, C++, Java, Python, php  
Pytorch, Tensorflow, Keras  
Photoshop, Sketch, Illustrator  
HTML, CSS, Javascript, jQuery

## OTHER ACTIVITIES

**Event General Coordinator  
(the main Leader)**

School Volunteer Camp  
2016.04, 2016.09, 2017.04

**International Volunteer  
(Web Front-End Developer)**

OMF in Aomori, Japan  
2017.09

## REFERENCES

**Yun-Nung Chen**

Assistant Professor  
National Taiwan University  
[yvchen@csie.ntu.edu.tw](mailto:yvchen@csie.ntu.edu.tw)

**Wei-Yun Ma**

Assistant Professor  
Sinica Academia  
Institute of Information Science  
[ma@iis.sinica.edu.tw](mailto:ma@iis.sinica.edu.tw)