

JASON TANG (湯忠憲)

Taipei, Taiwan

◇ <https://thtang.github.io/> ◇ thtang@nlg.csie.ntu.edu.tw

SHORT BIO

Jason received his master degree in Data Science from National Taiwan University and Academia Sinica. He conducts research in both [Natural Language Processing lab](#), NTU and Data Insights Research lab, AS. Under the training of hand on practices, he is equipped with solid knowledge in machine learning and deep learning.

For some of his works, please refer to my github [\[link\]](#) and Kaggle [\[link\]](#).

EDUCATION

National Taiwan University 國立臺灣大學, Taiwan

September 2017 - August 2019

M.Sc. in Data Science

Rank 2

College of Electrical Engineering and Computer Science

Advisor: Dr. Hsin-hsi Chen (陳信希) and Dr. Sheng-wei Chen (陳昇瑋)

Related Courses: *Applied Deep Learning, Information Retrieval and Extraction, Machine Learning, Deep Learning for Computer Vision, Natural Language Processing, Computation in Data Science*

National Tsing Hua University 國立清華大學, Taiwan

September 2013 - June 2017

B.Sc. in Industrial Engineering


Rank 6

Department of Industrial Engineering and Engineering Management

[Interdisciplinary Program Field of Study](#) and Completed Course:

- **Data Science:** *Data Mining, Text Mining, Business analytics using statistical modeling, Decision Analysis, Business analytics using forecasting*
- **Innovative Design:** *Introduction to Interaction Design, User Experience Design, Social Computing Application Design, Sketching for Product Design, Design of Learning Environments*

SELECTED RESEARCH PROJECT

 **IEEE ICME 2019 Grand Challenge - Short Video Recommendation** [\[link\]](#)

ICME is one of the flagship conferences in multimedia. In this competition, participants are asked to predict whether a user will *finish* and *like* a specific short video along with its multi-modal features. My solution is ranked 3rd out of **1195** teams from all over the world. [See competition LeaderBoard](#).



WSDM Cup 2019 - Fake News Classification [\[link\]](#)

WSDM is one of the premier conferences on web-inspired research involving search and data mining. One of the task in WSDM Cup 2019 is to detect the fake news. Given the title of a fake news article A and the title of a coming news article B, participants are asked to classify B into one of the three categories. My method is ranked **6/8 (public/private)** among **94** teams from all over the world. [See Kaggle competition](#).



Multimedia Retrieval in CLEF 2018 [\[link\]](#)

The project aims at designing search algorithms to retrieval personal photos given text query. The work has been published in CLEF 2018 with title [Visual Concept Selection with Textual Knowledge for Understanding Activities of Daily Living and Life Moment Retrieval](#).

EXPERIENCE



Natural Language Processing course, National Taiwan University

2019

Teaching Assistant of NLP course (CSIE 5042)

- Design and correct term project.
- Distinguished and Excellent Teaching Assistants Awards.



Taiwan Semiconductor Manufacturing Company Limited, Taiwan

2017

Software Engineer Intern

- Deploy the state-of-the-art machine learning models to enhance the performance of demand forecasting.



Academia Sinica, Taiwan

2017-2018

Research Assistant at Data Insights Research Lab

- Research interests: Data Mining, Information Retrieval, and Natural Language Processing using Deep Learning



Inventec Corporation, Beijing

2016

Intern

- Conduct research for business development in Industrial 4.0 and Internet of Things



Shanghai Jiao Tong University

2015

Exchange Student

- Conduct research on Lean Production in General Motors.
- Advised by Prof. Ershun Pan (潘爾順).

SELECTED HONORS

IEEE ICME Grand Challenge 3rd prize

2019

ACM SIGIR Student Travel Grant

2018

Three Presidential Awards (Top 5%)

2013-2017

Conference of Chinese Institute of Industrial Engineers - Student Paper Contest 1st prize

2017

Hui-Chun Chin and Tsung-Dao Lee Chinese Undergraduate Research Endowment (Top 1%)

2015

Local Guides Level 8

2020

Distinguished and Excellent Teaching Assistants Awards

2019