



Shih-Yi (Matteo) Soo

✉ matteesoo11@gmail.com | 🏠 <https://matteesoo.github.io> | 📷 matteesoo | 🌐 matteesoo

Education

National Tsing Hua University

M.S. IN COMPUTER SCIENCE

- Machine learning, music information retrieval

Hsinchu, Taiwan

Sep. 2018 - PRESENT

Soochow University

B.S. IN COMPUTER SCIENCE AND INFORMATION MANAGEMENT

- Augmented reality, Unity 3D

Taipei, Taiwan

Sep. 2014 - June 2018

Skills

Natural Languages Mandarin Chinese(native), English(proficient)

Programming Languages Python, C/C++, JAVA, Git, Markdown, LaTeX

Web Development HTML5, SEO, Google Analysis, Beautiful Soup

Deep Learning PyTorch, Keras

Experience

National Tsing Hua University, Introduction to AI and Music Course

TEACHING ASSISTANT

Hsinchu, Taiwan

Sep. 2019 - Exp. Jan. 2020

National Tsing Hua University, Introduction to AI and Big Data Course

TEACHING ASSISTANT

Hsinchu, Taiwan

Sep. 2019 - Exp. Jan. 2020

Walsin Lihwa, Data Science Intern

SOFTWARE ENGINEER

Taipei, Taiwan

Apr. 2018 - Exp. Jul. 2018

Soochow University, E-commerce and Network Marketing Course

TEACHING ASSISTANT

Taipei, Taiwan

Sep. 2017 - Exp. Jan. 2018

Publications

1. **M. Soo***, Y. Yang and V. Soo, "Automatic Conversion of a Chinese Fairy Story into a Script – A Preliminary Report and Proposal," 2019 International Conference on Technologies and Applications of Artificial Intelligence (TAAI), Kaohsiung, Taiwan, 2019

Honors & Awards

COMPUTER SCIENCE

2019	3st Place , CTCI Foundation - AI Innovative Competition	<i>Taipei, Taiwan</i>
2018	1st Place , Kaggle - NTHU AI Question & Answer Competition	<i>Hsinchu, Taiwan</i>
2017	1st Place , SCU School of Business Creative Competition Information Application	<i>Taipei, Taiwan</i>
2017	2nd Place , International ICT Innovative Service Awards	<i>Taipei, Taiwan</i>
2017	1st Place , SCU Digital Business Website Design and Management Competition	<i>Taipei, Taiwan</i>
2017	Best Web Design , SCU Digital Business Website Design and Management Competition	<i>Taipei, Taiwan</i>

MUSIC

2013	Conductor and violin accompaniment , Choir of Hsinchu senior high school annual concert	<i>Hsinchu, Taiwan</i>
2013	Rank A+ , National Student Music Competition - Male Chorus Group	<i>Taipei, Taiwan</i>
2009	Rank A , Hsinchu City Student Music Competition - Violin Group	<i>Hsinchu, Taiwan</i>
2007	Rank A , Hsinchu City Student Music Competition - Violin Group	<i>Hsinchu, Taiwan</i>
2005	Rank A , Hsinchu City Student Music Competition - Violin Group	<i>Hsinchu, Taiwan</i>