



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

## MUSIC

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