

# Jiayu Liang (Gary)

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Email: dragonedison@hotmail.com

## Language Services

### Translation

I have an SDL Trados license.

#### **English to Chinese** (last updated Apr. 12, 2022)

1. Documents: 92,700 words
2. Surveys: 7,500 words
3. General subtitles: 196 minutes
4. TV shows
  - Reality: 4 episodes
  - Documentary: 2 episodes
  - Cartoon: 9 episodes
5. Game localization: 13,600 words.

I have translated two games. They are Endless Memories by Homunculus Game and Blazing Snow by HAROHARO. I translated from English to Simplified and Traditional Chinese for both games.

#### **Chinese to English** (last updated Apr. 12, 2022)

1. Documents: 62,300 words
2. Subtitles: 196 minutes
3. Short clips: 87
4. Interview transcription (Medical): 8 sessions

#### **Japanese to English** (last updated Feb. 28, 2022)

1. Interviews: 4 sessions (30-60 minutes per session)
2. Short videos: 18 (<10 minutes per video)

### Transcription: (last updated Dec. 27, 2021)

Chinese (Mandarin and Cantonese) 1,915 minutes

### Subtitling: (last updated Dec. 27, 2021)

To date, I have subtitled 196 minutes of video.

I can subtitle in English, Mandarin, Cantonese, and Japanese.

# Academic Records

## Education

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### Doctor of Philosophy

Sept 2009 - July 2015

City University of Hong Kong

Department of Electrical Engineering

Supervisor: Dr. Kelvin Shiu Yin Yuen

Thesis Title: A Novel Saliency Prediction Method Based on Fast Radial Symmetry Transform and Its Extensions

### Bachelor of Engineering

Sept 2005 - June 2009

Sun Yat-sen University, Guangdong, China

Major in Electronic Information Science and Technology

## Professional Skills

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Programming: MATLAB, C++, Python, JAVA, and OpenCV

Statistics: SPSS

Language: Cantonese (native), Mandarin (fluent), English (fluent), and Japanese (basic)

## Research Experience

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### Full-time Research Assistant

Sept 2016 - Nov 2016

- Department of Biomedical Science, City University of Hong Kong
- Supervisor: Prof. Jan Schnupp
- Project: Auditory Neuroscience

### Full-time Research Assistant

July 2015 - Aug 2016

- Perception, Learning and Attention Laboratory, Department of Psychology, HKU
- Supervisor: Dr. Chia-Huei Tseng
- Stimulus generation in Psychtoolbox, MATLAB for visual search
- Conduct eye-tracking experiments
- Data analysis with SPSS.

### Full-time Research Assistant

Nov 2013 - May 2015

- Department of Computer Science, Hong Kong Baptist University
- Supervisor: Dr. Edmond Shu Lim Ho
- Project: Human Motion Modelling

## Publications

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1. **J. Liang** and S.Y. Yuen, "An Edge Detection with Automatic Scale Selection Approach to Improve Coherent Visual Attention Model," *Pattern Recognition Letters* 34, 13 (2013): 1519-1524.
2. **J. Liang** and S.Y. Yuen, "A Novel Saliency Prediction Method Based on Fast Radial Symmetry Transform and Coherent Visual Attention," *Cognitive Computation* (2016) 1-10.
3. **J. Liang** and S.Y. Yuen, "Edge Detection with Automatic Scale Selection Approach to Improve Coherent Visual Attention Model," *IAPR International Conference on Machine Vision Applications* 2013.

## Honors and Awards

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3rd Place of "The ACM Asia Programming Contest Guangdong Provincial Contest" by ACM/ICPC, May 2009.

13th Place of "The ACM Asia Programming Contest Guangdong Provincial Contest" by ACM/ICPC, May 2008.

1st Grade Scholarship (Top 5% students in the major), May 2006.

3rd Grade Scholarship, May 2007.

3rd Grade Scholarship, May 2008.