

## Address

Graduate  
Institute of  
Linguistics  
No. 1, Sec. 4,  
Roosevelt Rd.,  
Taipei, Taiwan

## Mail

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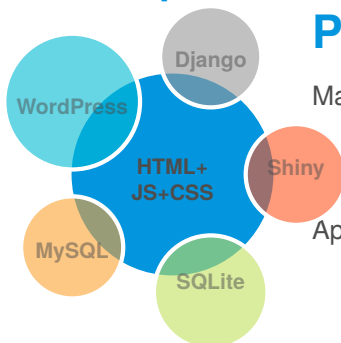
## Languages

Mandarin ★★★★★  
Minnan ★★★★★  
English ★★★★★  
French ★★★★★  
Japanese ★★★★★

## Programming

R ★★★★★  
PHP ★★★★★  
Python ★★★★★  
JavaScript ★★★★★

## Web Development



# Chih-YaoLee

Computational Linguist | Full-Stack Developer

## About

In an endeavor to apply computer science to the enterprise of language, and vice versa.

## Education

- 2018 - Now **Ph.D. in Linguistics** [National Taiwan University, Taiwan](#)  
– Summer course: Journalism Processing and Visualization (using R)
- 2014 - 2015 **Master Sciences du Langage (exchange)** [Aix-Marseille Université, France](#)  
– Program: Erasmus Mundus Multi - Multilingualism and Mutliculturalism  
– Host: Laboratoire Parole et Langage (LPL)
- 2012 - 2017 **Master's Degree in Linguistics** [National Taiwan University, Taiwan](#)  
– Main subjects: Computational Linguistics (using Python), Ontology and the Lexicon, Corpus Linguistics (using R), Wordnet (using PHP and JavaScript)  
– Thesis: Webifying Chinese Wordnet as Linked Data: From Desktop Database to Lexical Ontology for the Semantic Web. Advisor: Shu-Kai Hsieh, Ph.D.
- 2006 - 2011 **Bachelor's Degree in English** [National Taiwan Normal University, Taiwan](#)  
– Non-degree program in French

## Publications

- May, 2018 **9th Chinese Lexical Semantics Workshop** [Chiayi County, Taiwan.](#)  
– Shu-Kai Hsieh and **Chih-Yao Lee**. *A diachronic analysis of synaesthesia in Chinese: Extraction and computation of vocabularies over time*
- Apr, 2018 **11th Language Resources and Evaluation Conference** [Miyazaki, Japan](#)  
– Shu-Kai Hsieh, Yu-Hsiang Tseng, **Chih-Yao Lee** and Chiung-Yu Chiang. *Fluid Annotation: A Granularity-aware Annotation Tool for Chinese Word Fluidity*
- Jan, 2018 **9th Global WordNet Conference** [Singapore](#)  
– **Chih-Yao Lee** and Shu-Kai Hsieh. *Sinitic Wordnet: Laying the Groundwork with Chinese Varieties Written in Traditional Characters*
- Jul, 2015 **4th Workshop on Linked Data in Linguistics: Resources and Applications** [Beijing, China](#)  
– **Chih-Yao Lee** and Shu-Kai Hsieh. *Linguistic Linked Data in Chinese: The Case of Chinese Wordnet*
- Aug, 2013 **8th Conference of the Asian Association for Lexicography** [Bali, Indonesia](#)  
– **Chih-Yao Lee**, Yu-Yun Chang, Shu-Kai Hsieh, Jia-Fei Hong and Chu-Ren Huang. *CWIKIN: A Wiki that Helps Quicken the Development of Chinese Wordnet*

## OS Preference

macOS ★★★★★

Windows ★★★★★

Linux ★★★★★

## Experience

- 02/18 - 07/18 **Teaching Assistant** [National Taiwan University, Taiwan](#)  
– led weekly lab sessions on Python/Django in LOPE Lab, Graduate Institute of Linguistics
- 09/17 - 06/18 **Adjunct Lecturer** [Cardinal Tien Junior College of Healthcare and Management, Taiwan](#)  
– taught English I, II , III and IV
- 02/17 - Now **Freelance Full-Stack Developer** [KYLE | Knowledge-yielding Language Engineering](#)  
– created an API for Chinese Wordnet ([api.kyle.com.tw](#))  
– designed WORDr. ([wordr.kyle.com.tw](#))
- 12/16 - 12/17 **Part-time Web Designer** [National Chi Nan University, Taiwan](#)  
– redesigned the official website of the Department of International and Comparative Education ([www.ced.ncnu.edu.tw](#))
- 08/15 - 08/16 **Substitute Civilian Serviceman** [National Conscription Agency, Taiwan](#)  
– assisted in English teaching at Kenting English Village

## Awards

- Nov, 2014 **Excellent Teaching Assistant Award** [National Taiwan University, Taiwan](#)  
– assisted with two French courses by Prof. Denis Aublin
- Apr, 2014 **Excellent Teaching Assistant Award** [National Taiwan University, Taiwan](#)  
– assisted with two French courses by Prof. Denis Aublin
- Jun, 2011 **Graduation with Distinction** [National Taiwan Normal University, Taiwan](#)  
– ranked in the top 5% of the class