

## JAI-HUA YEN | RESUME

- » Status: AI Algorithm Engineer at TutorABC
- » Skills: Python, R, SQL, MATLAB, SAS
- » Interests: Artificial Intelligence, Data Analysis, Statistics



## »»» Summary

I am a highly-motivated, fast-learning, and innovative professional that specialized in data analytics and statistics. I am currently an AI Algorithm Engineer in TutorABC. I work on data analysis in customer and product data. Also, I applied NLP and computer vision to consumer's response, company products, and company services so as to improve user experience and increase company's revenue. My research focuses on ecological statistics and bio-diversity estimation while I was a graduate student. Now my research interest is mainly on applied data analysis and artificial intelligence.

## »»» Experience

'20/05 - now	<b>AI Algorithm Engineer</b>	TutorABC
	<ul style="list-style-type: none"> <li>» Solve various ad-hoc business problems with machine learning and statistical models.</li> <li>» Data preprocessing with unstructured data from web scraping for analysis.</li> <li>» Use NLP techniques to perform text form data analysis and apply LDA to classify the topic of the company products.</li> <li>» Multi-label classification for improving the quality of matching customers to the company products.</li> <li>» Apply NLP and computer vision to consumer's response, company products, and company services so as to improve user experience and increase the company's revenue.</li> </ul>	
'17/09 - '19/01	<b>Teaching Assistant</b>	National Taiwan University
	<ul style="list-style-type: none"> <li>» Serve as teaching assistant in statistics and linear algebra.</li> <li>» Taught statistics lab course for over a hundred people.</li> <li>» Design courses and exercises of R and MS Excel for student to deal with practical data analysis problems.</li> <li>» Answer questions and conduct statistical consulting for enrolled students.</li> </ul>	

## »»» Education

2017 - 2019	<b>Master's Degree, Biometry (Biostatistics)</b>	National Taiwan University
	» Thesis: Richness estimation with the presence of species identity error.	
2013 - 2017	<b>Bachelor's Degree, Quantitative Finance</b>	National Tsing Hua University
	» Certificate in Data Science issued from Institute of Statistics.	

## »»» Publication

- Yen, J.-H., Chiu, C.-H. (2019). Richness estimation with species identity error. *Proceedings 62th International Statistical Institute (ISI) World Statistics Congress*, Volume 6, 401-408.

## »»» Talks

- Contributed Speaker, The 62th International Statistical Institute World Statistics Congress, Kuala Lumpur, Malaysia. August 21, 2019.
- Lecturer, Teaching Assistant Training Seminar, Taipei Medical University, Taipei City, Taiwan. February 26 2019.
- Lecturer, 2019 Teaching Assistant Training Seminar, National Taiwan University, Taipei City, Taiwan. February 15 2019.

## »»» Awards

- Excellent Teaching Assistant Award, National Taiwan University, Dec. 2018.
- Taekwondo Competition Bronze Medal, Hungkuang University, Oct. 2017.
- Karate Competition Gold Medal, Neihu Senior High School, Jan. 2012.
- Invited to American Invitational Mathematics Examination, Mar. 2011.