

JAI-HUA YEN | RESUME

- » Status: AI Algorithm Engineer at TutorABC
- » Skills: Python, R, SQL, MATLAB, SAS
- » Interests: Artificial Intelligence, Data Analysis, Statistics
- » Website: <https://jaihuayen.github.io/new-website/>



»»» Summary

I am a highly-motivated, fast-learning, and innovative professional that specialized and have high interest in data science with about one year experience in industry and two year experience in academics. I am currently an AI Algorithm Engineer in TutorABC. I integrate my skill in AI and statistical analysis to give deeper inference in different prospective in business data. 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.

»»» Experience

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| '20/05 - now | AI Algorithm Engineer | TutorABC |
| | <ul style="list-style-type: none"> » Design products based on the information from customer classification using k-means and factor analysis. » Use NLP techniques to perform text form data analysis and apply LDA to classify the topic of the company products. » Multi-label classification for improving the quality of matching customers to the company products. » 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. | |
| '17/09 - '19/01 | Teaching Assistant | National Taiwan University |
| | <ul style="list-style-type: none"> » Serve as teaching assistant in statistics and linear algebra. » Taught statistics lab course for over a hundred people. » Design courses and exercises of R and MS Excel for student to deal with practical data analysis problems. » Answer questions and conduct statistical consulting for enrolled students. | |

»»» Education

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|-------------|--|-------------------------------|
| 2017 - 2019 | Master's Degree, Biometry & Bioinformatics | National Taiwan University |
| | <ul style="list-style-type: none"> » Thesis: Richness estimation with the presence of species identity error. » Relevant Courses: Mathematical Statistics (PhD level), Applied Multivariate Statistical Methods, Applied Linear Statistical Models I & II, Nonparametric Statistics, Statistical Computing, Experimental Design. | |
| 2013 - 2017 | Bachelor's Degree, Quantitative Finance | National Tsing Hua University |
| | <ul style="list-style-type: none"> » Certificate in Data Science issued from Institute of Statistics. » Relevant Courses: Calculus I & II, Linear Algebra, Advanced Calculus I & II (Undergraduate Real Analysis), Engineering Mathematics I & II (Differential Equation and Vector Calculus), Statistics I & II, Mathematical Statistics I & II, Statistical Data Analysis, Time Series Analysis. | |

»»» Publication

- Yen, J.-H., Chiu, C.-H. (2020). 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.