



AI ALGORITHM ENGINEER

Contact Info



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JAI-HUA YEN

顏嘉華

I am a highly-motivated, fast-learning, and innovative professional that specialized and have a 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, where I integrate my skills in AI and statistics to give deeper inference in different prospective on business data.

PROFESSIONAL HISTORY

AI ALGORITHM ENGINEER

TUTORABC | MAY 2020 - PRESENT

- Design products based on the information from customer classification using k-means and factor analysis.
- Construct Shiny Dashboard and Shiny Server by Docker for producing interactive dashboards for stakeholders and BI tool for data analytics usage.
- Implement NLP techniques to perform text form data analysis and apply LDA to classify the topic of the company products in order to improve the quality of matching customers to our company products.
- Apply NLP and computer vision to consumer's responses, company products, and company services so as to improve user experience.
- Build recommendation system by Bert and FastAPI and use it as the response of Line chatbot.

TEACHING ASSISTANT

NATIONAL TAIWAN UNIVERSITY | SEP 2017 - JAN 2020

- 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.

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.

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EDUCATIONAL HISTORY

NATIONAL TAIWAN UNIVERSITY

MS BIOMETRY & BIOINFORMATICS, 2017-2019

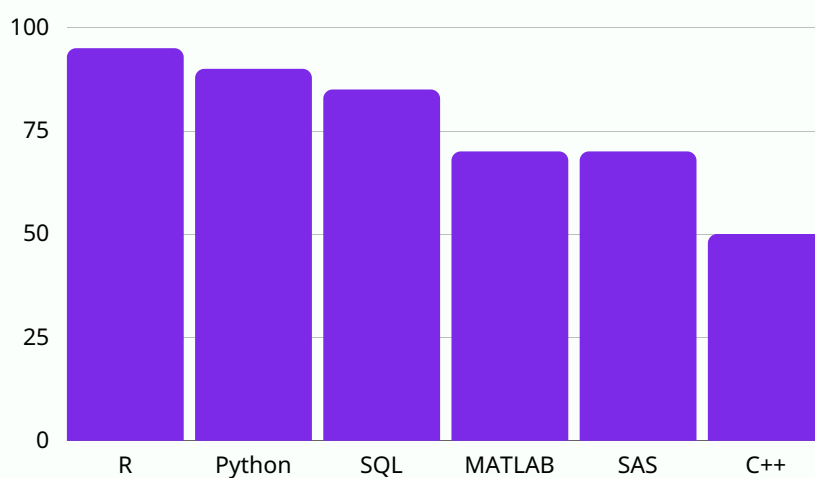
- Thesis: Richness estimation with the presence of species identity error.

NATIONAL TSING UNIVERSITY

BS QUANTITATIVE FINANCE, 2017-2019

- Certificate in Data Science issued from Institute of Statistics.

PROFESSIONAL SKILLS



- Others: Linux, Docker

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.