

Yen-Chun Chen

Data Scientist

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📍 Taiwan R.O.C.

🌐 [LinkedIn](#)

🌐 [Website](#)

🌐 [Github](#)

SKILLS

- **Statistics:** hypothesis testing, A/B testing, experimental design, generalized linear models, multilevel modeling, structural equation modeling
- **Data Analysis:** cleaning, manipulation, visualization, statistical analysis
- **Machine Learning:** supervised learning, unsupervised learning, ensemble learning
- **Programming:**
 - **R:** tidyverse, ggplot2, psych, lavaan, caret
 - **Python:** numpy, pandas, matplotlib, sklearn
- **Database Management:** MySQL, PostgreSQL
- **Version Control:** Git
- **Statistical Software:** SPSS

PUBLICATIONS

- Chen, Y. C., & Lee, Y. C. (accepted). Love in Everyday Social Interactions Matters: Positivity Resonance Accumulates Meaning in Life. *Chinese Journal of Psychology (TSSCI)*
 - Presented findings at the Taiwan Psychology Annual Conference (2023).

WORK EXPERIENCE

Project Research Assistant

Oct 2022 - Jul 2023

Chung Yuan Christian University

Taoyuan

- Converted to build online experiments, which **reduced data collection time by 50%** compared to traditional laboratory methods.
- Developed and collected 300+ data for 3 studies over 2 months by creating 2 experiments from PsychoPy and 1 survey with Pavlov.
- Implemented Qualtrics' fraud detection feature to ensure data quality by preventing multiple submissions and bot respondents.
- Conducted and organized comprehensive literature reviews to expedite the formulation of new project proposals.

Part-Time Research Assistant

Sep 2021 - Sep 2022

Chung Yuan Christian University

Taoyuan

- Assisted and prepared teaching material for courses, e.g., General Psychology, Advanced Social Psychology.
- Managed operations and affairs of the laboratory.

Clinical Psychology Clerk

Aug 2020 - Jul 2021

Taoyuan Armed Forces General Hospital

Taoyuan

- Collaborated with interns and clerks to implement group therapy for patients successfully.
- Instructed patients on the guidelines for group activities, enabling them to participate in group activities smoothly.

EDUCATION

M.Sc. Psychology | GPA: 3.97/4.0

Jun 2022

Chung Yuan Christian University

Taoyuan

- Awards: **Su Xiangyu Psychology Dissertation Award**
 - Top 5 master's degree dissertations in 2023 by the Taiwanese Psychological Association.
- Relevant Coursework: Advanced Statistics, Research Methodology, Advanced Social Psychology, Advanced Cognition, Clinical Psychology Practicum

B.Sc. Psychology | GPA: 3.91/4.0

Jun 2019

Chung Yuan Christian University

Taoyuan

- Awards: Academic Excellence Award
 - Top 5% of the class in the semester.
- Relevant Coursework: Statistics for Psychology and Education, Application of Statistical Software, Psychological Experiment, Psychological Testing, Principles of Behavior Modification Therapy