Hsiu-Li Yang

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A MSc Psychology student that is keen to apply analytic skills and communications skills as a data analyst. In University of Glasgow, I developed statistics, critical thinking, analysis, teamwork, and programming skills. Most of the skills were cultivated by completing a quantitative hand-on project using R language to analysis a big dataset. My former working experience as a high school teacher prepared me with strengths of collaboration, presentation, and communication.

EDUCATION

MSc Psychological Studies, *University of Glasgow— Glasgow, United Kingdom*	**09/2021 – 09/2022**

- Implemented NLP data analysis with data collected by Twitter API in the dissertation

B.A., Department of Chinese Literature, *National Taiwan University — Taipei, Taiwan*	**09/2013 – 06/2019**

- GPA: 3.05/4.3 (overall); 3.73/4.3 (Last 60 credits)

Secondary Teacher Education Program, *National Taiwan University — Taipei, Taiwan*	**09/2017 – 06/2019**

SKILLS

- **Computer Science:** R (ggplot for visulisation), SQL, Python, Excel, database theories
- **Data Management:** Data scraping, cleaning, wrangling, interpreting, and statistics application
- **Research:** Research Methods, Survey Design, Focus Groups
- **Languages:** Mandarin (native), English (fluent)

WORKING EXPERIENCE

Full-Time Teacher *Taipei First Girls High School — Taipei, Taiwan*	**07/2019 – 06/2020**

- Organized the workshop for Educational Curriculum Reformation, collaborated with 13 public high schools, and presented the workshop content to 500 participants
- Delivered Chinese Literature lectures (4 hours/week)

Intern Social Media Manager *FLiPER — Taipei, Taiwan*	**08/2016 – 04/2017**

- Managed the official website (with 1500,000 views per day) and Facebook fan page by analyzing user behaviors on Facebook (each post reaches 3,000 audience in average

Tutor — *Taipei, Taiwan*	**09/2014 – 06/2018**

- Facilitated communication between an Asperger Syndrome student and his parents

PROJECTS

Quantitative Project	**03/2022 – 04/2022**

- A report that compares undergraduates with postgraduate students by examining the relationship between academic help-seeking and self-efficacy
- Programming R language used for data cleaning (from 2391 surveys), data extraction (select() function implemented), data visualization (with ggplot package) of t-test, and power analysis with effect size

Text Mining Project (Dissertation)	**06/2022 – 08/2022**

- Data Collection (data scraping): Used R to grab data from Twitter using Twitter API
- Used R to conduct sentiment analysis and topic-modelling to analyze tweets and articles

LEADERSHIP

Group Leader *The group of the Borderless Teacher Program, University of Queensland, Australia*	**03/2018 – 07/2018**
Student Representation *Student Association of Chinese Literature Department*	**06/2016 – 06/2017**

- Chaired the curriculum committee and negotiated with professors and helped 4 students meeting the graduating criteria.

VOLUNTEER EXPERIENCE

Intern Remedial Instruction Teacher *Taipei Municipal Heping High School — Taipei, Taiwan*	**09/2018 – 02/2019**

- Tutored classes for under-achieving high school students and successfully rehabbed all students (6 in total) to catch up regular course progress

CERTIFICATIONS

Taiwan High School Teacher Certificate
Goggle Data Analyst Certificate (in progress)