

YU-TING WENG, MPP

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EDUCATION

University of Chicago Harris School of Public Policy

Chicago, IL

Master of Public Policy (STEM), Certificates on Data Analytics and Finance and Policy

June 2024

Relevant Coursework: Data Visualization, GIS Applications, Statistics for Data Analysis, Program Evaluation, Machine Learning, Deep Learning, Big Data, Data Science Tools for Finance

National Taiwan University

Taipei, Taiwan

B.A. in Economics and B.A. in Foreign Languages and Literature

June 2019

EXPERIENCE

Anti Human-Trafficking Intelligence Initiative

Chicago, IL

Pro Bono Data Analyst

March 2024 - June 2024

- Collaborated with the scraping team to identify specific data to be stored for each scraper, and designed and maintained robust MySQL database schema using phpMyAdmin
- Developed Python scripts to build efficient data pipelines, ensuring seamless SQL database connections, enhancing data integrity, and enabling real-time data logging and querying for further analysis

University of Chicago Data Science Institute

Chicago, IL

Data Analyst Intern – Client: WBEZ Chicago

January 2024 - March 2024

- Executed data cleaning and preprocessing on a large-scale 12GB SQLite database, querying and extracting key features for advanced analysis
- Collaborated with a team of four and stakeholders to develop and deploy two interactive and user-friendly web applications, using *Dash* for webpages and *Streamlit* for dashboard
- Leveraged advanced data visualization techniques, including *GeoPandas* for mapping county-level data and *Plotly* for interactive charts, to highlight traffic stop patterns across demographics, aiming to enhance public awareness of racial disparities

Hope Chicago

Chicago, IL

Pro Bono Data Analyst

January 2024 - March 2024

- Collaborated with a team of 10 to evaluate summer school scholarship program, providing valuable insights and policy suggestions for program effectiveness and student support strategies
- Performed extensive data cleaning, addressing missing and inconsistent data types and expressions
- Conducted statistical analysis and applied data visualization techniques to investigate correlations between post-summer school questionnaire responses and subsequent academic performance, focusing on academic progress and GPA trends

University of Chicago Harris School of Public Policy

Chicago, IL

Teaching Assistant - Statistics for Data Analysis, and International Trade

September 2023 - December 2023

- Evaluated assignments for 400+ students, provided tailored feedback to enhance comprehension of international trade principles, statistical methodologies, and proficiency in R coding, and impacted over 10% of the student body through dedicated office hours

Taipei City Government

Taipei, Taiwan

Section Assistant - Taipei City Market Administration Office

November 2020 - August 2022

- Supervised operation of 3 public markets with a total of 424 stalls, orchestrated strategic modernization planning, involving facility upgrades and promotion of food hygiene practices, and secured prestigious 4-star market award for Shuiyuan Market
- Mediated government-vendor communication, coordinated meetings with public officials, elected representatives, and private stakeholders, and successfully reignited the Hebin Market reconstruction project after a 6-month standstill
- Mitigated COVID-19 outbreak by swiftly establishing robust contact tracing system and assisting markets in achieving a 98% full vaccination rate within a remarkably brief timeframe and awarded for outstanding contributions

SKILLS

Technical: Python, R, SQL, Power BI, Tableau, ArcGIS, HTML/CSS, Microsoft Excel

Languages: English (Fluent), Chinese (Native), Taiwanese (Native), Spanish (Elementary)