Yunyi Tang

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EDUCATION

University of Bristol
Bristol, UK

Master of Science by Research, Population Health Sciences
2020-2023

- Master research project: Purchasing and consumption of over-the-counter antibiotics: a mixed-method approach to secondary data
- Relevant Modules: Introduction to Systematic Reviews and Meta-Analysis; Introduction to Epidemiology
- Supported by the University of Bristol UK-China AMR Program Scholarships

Shandong University
Jinan, China

Bachelor of Laws, Anthropology
2016-2020

- Overall GPA: 86.35/100
- Relevant Modules: Media, Culture, and Society (90); Urban Anthropology (94); Applied Anthropology (94)

EXPERIENCE

Data Assistant
March 2023 – Present

Zapmap
Bristol, UK

- Work in a small dynamic team, using the admin panel to process data feeds, check charge point details and community updates, and update the database with any noted changes.
- Support Data Managers in ad-hoc database change and ensure appropriate escalation in place.
- Using previous experience and specialist knowledge drive forward improvements to ensure effective database maintenance.

Data Science Team Leader
February 2023 – April 2023

180 Degree Consulting
Bristol, UK

- Led a team of 4 data science volunteers in the collaborative development of a data processing programme and improvement of the use of advanced analytics in the dashboard.
- Conducted client meetings via Microsoft Teams to identify pain points and adapt the solution from the last project cycle to real-time scenarios to improve incoming call management and volunteer rotating.

Data Science Volunteer
October 2022 – April 2023

180 Degree Consulting
Bristol, UK

- Utilised Python and Google Translate API to build a data auto-process tool to clean and translate an operation dataset from the client from June to October 2022.
- Improved the data collection process with Google Forms and Google Colab to both approve the data quality and fit into the client's ability of data collection.

PROJECTS

My Personal Website | *Hugo, HTML, CSS, JavaScript*
November 2023 – Present

- Developed a multi-language static portfolio website with the use of the Murasaki theme based on Hexo.
- Deployed the website with GitHub Page and configured a custom domain yunyitang.me for my GitHub Pages site.

Scoping Review | *EndNote, Microsoft Excel*
November 2020 – July 2022

- Conducted research articles selection and data extraction to explore the prevalence and patterns of global antibiotic use and bacterial infection in COVID-19 patients from studies published between June 2020 and March 2021.
- Publication: Cong W, Stuart B, AIhusein N, Liu B, **Tang Y**, Wang H, et al. Antibiotic Use and Bacterial Infection in COVID-19 Patients in the Second Phase of the SARS-CoV-2 Pandemic: A Scoping Review. *Antibiotics.* 2022 Jul 23;11(8):991. Available from: https://doi.org/10.3390/antibiotics11080991

TECHNICAL SKILLS

Languages: Python, R, SQL, LaTeX, Markdown
Frameworks and Libraries: pandas, Matplotlib, readr, ggplot2, dplyr
Developer Tools: Git, GitHub, VS Code, Docker
Applications: Microsoft Office, Slack, Overleaf, Obsidian