

Xuanren Song

Research Assistant

Obtained a Master's degree in Business Analytics from Deakin University in 2020. Currently serving as a Research Assistant at Tsinghua University.

✉ xson0044@student.monash.edu

☎ 0451953558

📍 Melbourne, Australia

🐙 github.com/KowComical

EDUCATION

Master of Artificial Intelligence

Monash University

03/2024 - Present

Melbourne, Australia

Master of Business Analytics

Deakin University

03/2019 - 11/2020

Melbourne, Australia

Bachelor of Economics

University of Oregon

10/2010 - 06/2016

Oregon, United States

WORK EXPERIENCE

Research Assistant

Tsinghua University

03/2022 - Present

Beijing, China

Achievements/Tasks

- **Responsibility:** Oversee the automation and maintenance of the 'Carbon Monitor' databases, including CM, Power, China, EU, and Graced.
- Daily tasks include data crawling, cleansing, and visualization, primarily using Python and Tableau.
- **Accomplishment:** Development of Automated Power Generation Data Website.
- Developed an automated website(<https://cm-power-website.streamlit.app/>), capable of visualizing daily power generation data for up to 58 countries by sector. The website also allows users to download the data.
- Created an automated Twitter account(<https://x.com/CarbonmonitorX>), designed to crawl research papers from journals like Nature, Science, and PNAS. It uses ChatGPT to generate summaries, keywords, and abstracts from these papers, focusing on topics related to the environment, and tweets the results.

Senior billing specialist

Chang Tsi & Partners

10/2016 - 01/2019

Beijing, China

Chang Tsi & Partners is a top-tier, full-service Chinese law firm renowned for its expertise in intellectual property and litigation.

Achievements/Tasks

- **Situation:** Addressed daily client emails concerning their queries.
- **Task:** Examined each invoice issued by attorneys, identifying any discrepancies. Guided billing specialists on completing their daily tasks efficiently.
- **Action:** Enhanced operational efficiency by scrutinizing client invoice preferences, minimizing redundant efforts.
- **Result:** Markedly elevated the effectiveness of invoice submissions to clients. Earned a promotion to Senior Billing Specialist within 6 months of joining.

TECHNICAL SKILLS

Programming

Python Programming

Data Acquisition

Data Scraping

Process

Data Automation

Data Processing

Data Analysis

Automation

PUBLICATIONS

Scientific Data

CarbonMonitor-Power near-real-time monitoring of global power generation on hourly to daily scales

Equal Contribution

Biqing Zhu, Zhu Deng, Xuanren Song

17 April, 2023

10, Article number: 217 (2023)