

# 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.

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📍 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.

### 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 Automation** Data Automation

**Data Processing** Data Analysis

**Visualization Tools** Tableau Expertise

**Data Representation** Data Visualization

## 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

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