# JACKY CHONG
## DATA ANALYST

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**Visa Status:** Eligible for the UK Post-Study Work Visa (Graduate Route) upon graduation

## SUMMARY

Dedicated Data Analyst with a proven ability to derive valuable insights from complex datasets, leveraging Python, R, and advanced visualization tools such as Tableau and Power BI. During my internship at the Hong Kong Environmental Protection Department, I created a Python-based web scraping solution to streamline data collection on licensed liquor premises and built interactive dashboards that illuminated waste management trends from 2018 to 2023, improving data accuracy and informing impactful decisions. My academic background in Data Science and Big Data, alongside interdisciplinary workshop participation, equips me with robust expertise in data mining, machine learning, and database management. Through collaboration with cross-functional teams, I have refined my capacity to communicate findings clearly and solve multifaceted problems with agility.

## EXPERIENCE

### Data Analyst Intern
**Hong Kong Environmental Protection Department**
Jun – Aug 2024 | HKSAR

- Designed and implemented a Python-based web scraping tool to collect data on licensed liquor premises and suppliers in Hong Kong, optimizing data-gathering efficiency.
- Conducted thorough data cleansing and preparation using Excel, ensuring high levels of accuracy and reliability in the data.
- Utilized Tableau to create dynamic dashboards, visualizing waste management performance trends from 2018 to 2023 for improved decision-making.
- Collaborated with cross-functional teams to provide actionable insights and contribute to sustainable environmental practices.

## EDUCATION

### MSc Big Data and Digital Futures
Key Modules: Foundation of Data analytics, Data Mining, Natural Language Processing
**University of Warwick**
Sep 2024 – Sep 2025 | Coventry

### Pre-Master Data Science
**University of York**
Sep 2023 – May 2024 | York

### BSc (Hons) Food Safety and Technology
**The Hong Kong Polytechnic University**
Sep 2019 – May 2023 | HKSAR

## PROJECTS

1. **Web Scraping and Data Cleansing Tool**
2. **Real-World COVID-19 Vaccination and Mortality Analysis**

- Key distribution: Utilized R for data cleaning, visualization, and Negative Binomial regression to assess overdispersion.
- Identified a consistent protective effect of COVID-19 vaccination across all age groups, despite occasional rate ratio fluctuations.

## EXTRACURRICULAR ACTIVITIES

### IFSTAL (Interdisciplinary Food Systems Teaching and Learning) Workshop
**Collaboration Across Multiple Universities**
Nov 2024 — Present

- Engaged in an interdisciplinary workshop focused on food systems thinking and sustainable development.
- Collaborated with participants from various academic and professional backgrounds to develop innovative solutions for complex food system challenges.
- Enhanced skills in critical thinking, systems analysis, and interdisciplinary communication.

### Meet and Greet Volunteer
**SYDNI Centre**
Oct 2024 — Dec 2024 | Leamington Spa, UK

- Directed Visitors within the center, providing guidance and assistance as needed
- Maintained a tidy and presentable reception area to create a welcoming environment

### CFA Exam Level I candidate Aug 2024

## CERTIFICATION

**Tableau Certified Data Analyst**

## SKILLS

**Programming Languages**: Python, R, SQL
**Data Visualization Tools**: Tableau, Power BI, SPSS, Weka, Excel
**Soft Skills**: Problem-solving, Communication, Team Collaboration
**Languages**: English, Cantonese, Mandarin