Anne Kaila Recio

Data Analyst @ Bloomberg LP

a.kailarecio@gmail.com | +65 9035 2894

kailarecio.github.io/ | linkedin.com/in/kailarecio | github.com/kailarecio

Education

National University of Singapore | GPA: 4.7/5.0   Aug 2019 – Jun 2023
Bachelor of Social Sciences with Honours (Highest Distinction) in Economics

- Honours Thesis: Term Limits, Political Dynasties and Economic Outcomes: Evidence from the Philippines
- Specializations: Quantitative Economics; Monetary & Financial Economics
- Special Program: Tembusu College University Town College Program (2-Year Liberal Arts)

University of California Los Angeles | GPA: 3.9/4.0   Jan 2022 – Mar 2022
Undergraduate Study Abroad (Non-Degree) in Economics

Relevant Coursework: *Econometrics II (A+), Macroeconomic Analysis II (A), Economic & Financial Forecasting (A), Machine Learning & Economic Forecasting (A-), Programming Methodology (A-)*

Professional Experience

FX & Interest Rate Derivatives (IRD) Data Analyst | Bloomberg L.P. Singapore   Aug 2023 – Present

- IRD Project Manager for APAC: Led the expansion of 100K+ pricing data points, coordinating with Product and Relationship Managers globally on a biweekly basis to drive initiatives and manage market transition events
- Designed Qlik Sense dashboards connected to PostgreSQL tables monitoring broker pricing reliance, enabling data-driven commercial discussions between relationship managers and price contributors
- Applied fuzzy string matching algorithms to improve instrument discoverability, supporting $100K+ enterprise data deals by automating manual search processes
- Redesigned technical documentation of team workflows, creating training dataset foundation for custom GPT agent development

Macro Research Intern | Centennial Asia Advisors   Sep 2022 - Dec 2022

- Integrated CEIC APIs into spreadsheets for automated surveillance on macroeconomic indicators in Vietnam and Thailand, generating weekly economic updates and deep-dive thematic reports for institutional clients

ESG Investment Research Intern | Arisaig Partners   Jul 2022 - Aug 2022

- Developed a quantitative biodiversity risk scoring model for portfolio assessment and benchmarked ESG practices across holdings to inform engagement and investment strategies

Technical Projects

FX Pricing Benchmarking Study   Bloomberg LP

Python (pandas, numpy), Trino

- Built statistical framework to rank third-party pricing feeds by calculating MAD against a basket of market-leading contributors, processing 2M+ intraday pricing data points daily via Trino queries from the FX data lake
- Developed quantitative selection methodology for composite enablement by incorporating daily tick frequency analysis and standard deviation thresholds for outlier detection across pricing feeds
- Validated methodology through parallel composite generation, demonstrating 10% improved benchmark alignment and reduced latency compared to legacy selection methods

Market Insights Data Platform Migration   Bloomberg LP

Python, Parquet, pytest

- Eliminated manual entry workflow by architecting migration from Google Sheets to Bloomberg's cloud storage using a Python ETL pipeline with comprehensive data validation
- Built test suite using pytest with 90% code coverage, integrated automated testing into CI/CD pipeline for continuous validation of data transformation and API operations

- Extended FX Data API client library with Parquet storage operations, enabling real-time collaborative editing across the global team

Interest Rate Options (IRO) Coverage Analytics Platform   Bloomberg LP

Python (SQLAlchemy), PostgreSQL, Streamlit

- Solved data discoverability bottleneck for over 1.6M IRO data points by designing complex queries to extract pricing conventions from PostgreSQL taxonomy database
- Built interactive Streamlit interface with dynamic filtering to identify missing data points, reducing broker price onboarding process from 3 weeks to 1 week
- Implemented rules-based algorithm automating ticker taxonomy creation; eliminating manual classification errors for 92% of the IRD taxonomy

Skills

Programming: Python (plotly, pandas, numpy, pytest), SQL (PostgreSQL, Trino), JavaScript, HTML/CSS
Frameworks/Tools: Streamlit, QlikSense, Bloomberg API/BQL, Stata, JIRA
Languages: English (native), Tagalog (native), Mandarin (basic)

Leadership & Other Experiences

Tech Pillar Co-Lead, Bloomberg Women in Tech Singapore	Jan 2023 - Present
ESG Analyst, Next Gen ESG Investing Program	Jul 2021 - Jun 2023
Lead Global Macro Analyst, NUS Investment Society	Sep 2021 - May 2022
Tembusu College Climbing Captain	Mar 2020 - Feb 2021
Tembusu College Women's Football Vice Captain	Mar 2020 - Feb 2021

Awards and Honors

NUS ASEAN Undergraduate Merit Scholarship	Aug 2019 - Jun 2023
UCLA Dean's Honors List	Winter Quarter 2022
NUS FASS Dean's List	Semester 2 21/22
Tembusu College Best Creative Work	Semester 2 21/22